HD-Pro Capture Software

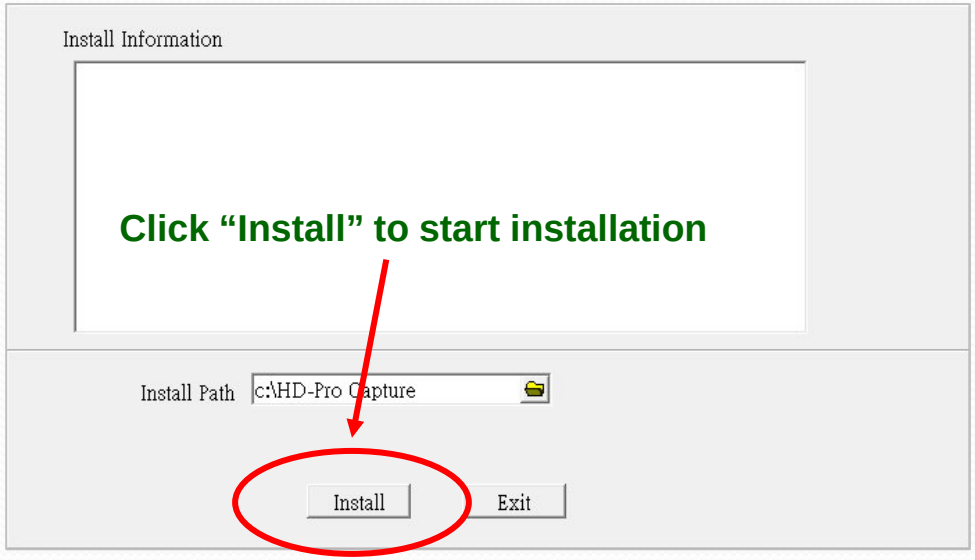
(for skin/hair/iris/microcirculation analysis) with Customer Management System

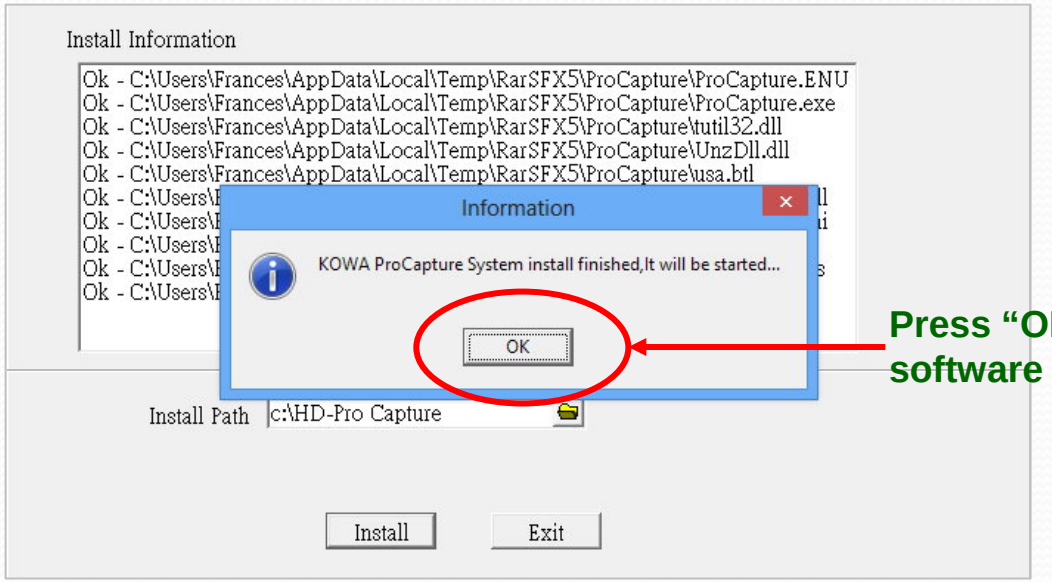
User's manual

System requirement: a. IBM compatible PC
b. CPU: P4 with 40G HDD 1.5Hz or up
c. RAM: 512M or above
d. VGA memory: 32M above
Required OS: Windows XP, Vista, 7 & 8

Software Installation

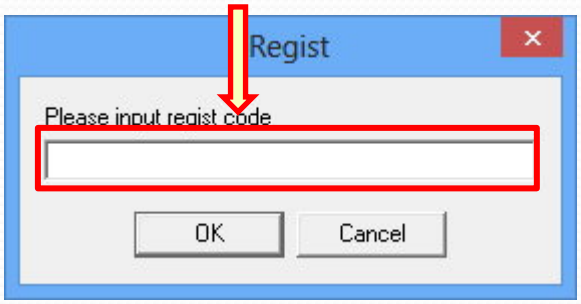
Insert the software CD-R into the CD-ROM drive，select the language version you need to start installation.



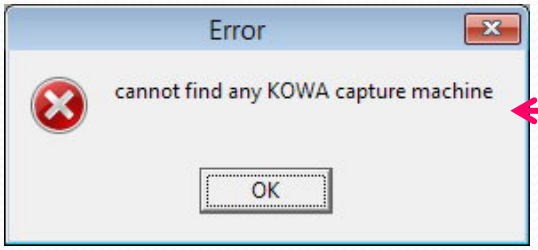


Press “OK” to start 1st entry the software system.

1st entry the software, please make sure the main unit connect to computer and powered on. You should input the private password (regist code) for your right unit.
(* The regist code is on the sticker of software CD.)



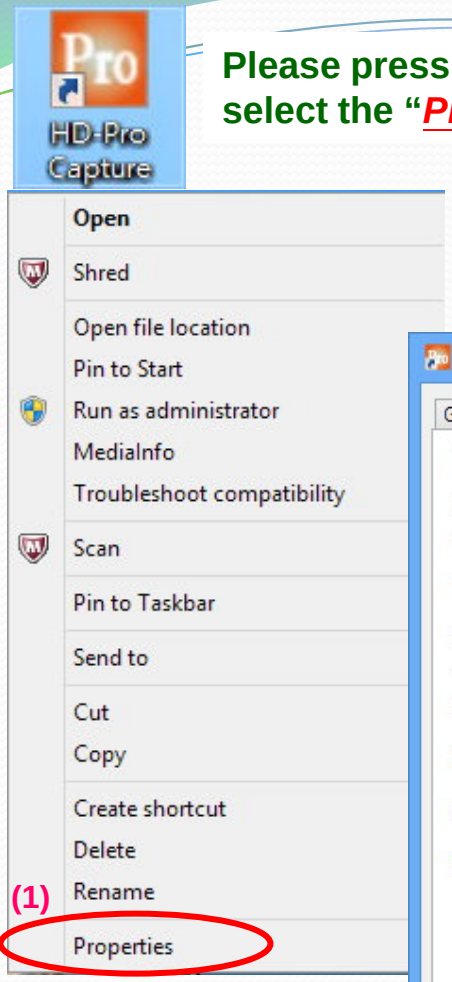
*** After then, double click "HD-Pro Capture" icon on the screen (desktop) of PC to enter system every time.**



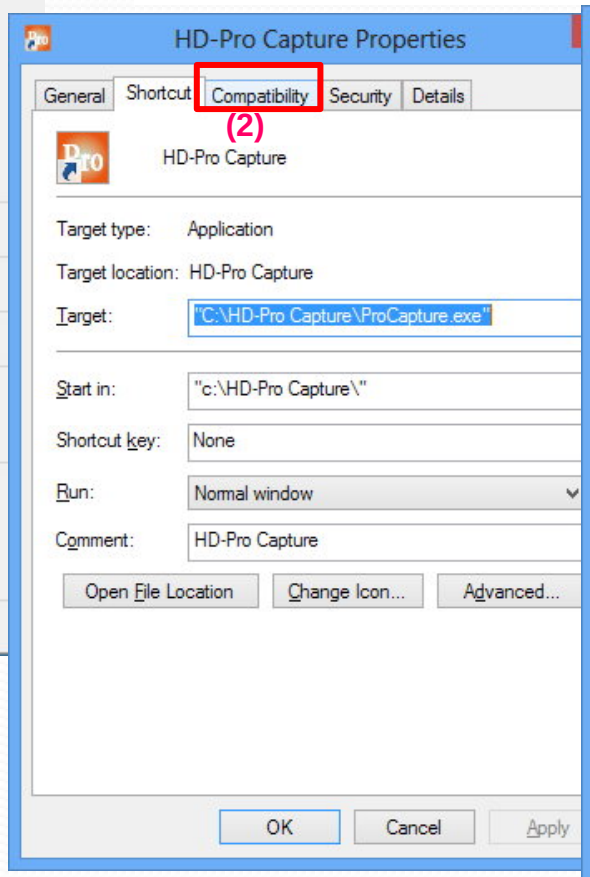
If the main unit and computer are not connected & powered on, the error message will appear while clicking "HD-Pro Capture" icon from desktop.

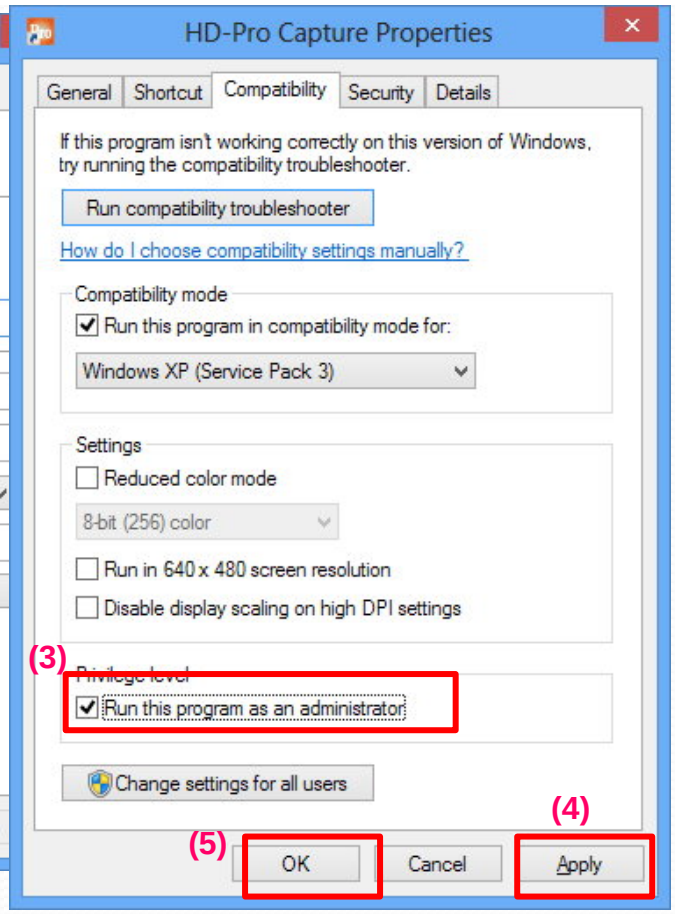
There will be an error message for wrong regist code. Please check again and input the correct regist code in order to enter the software.

Please press with the right mouse on “HD-Pro Capture” icon, then select the “*Properties*” item.

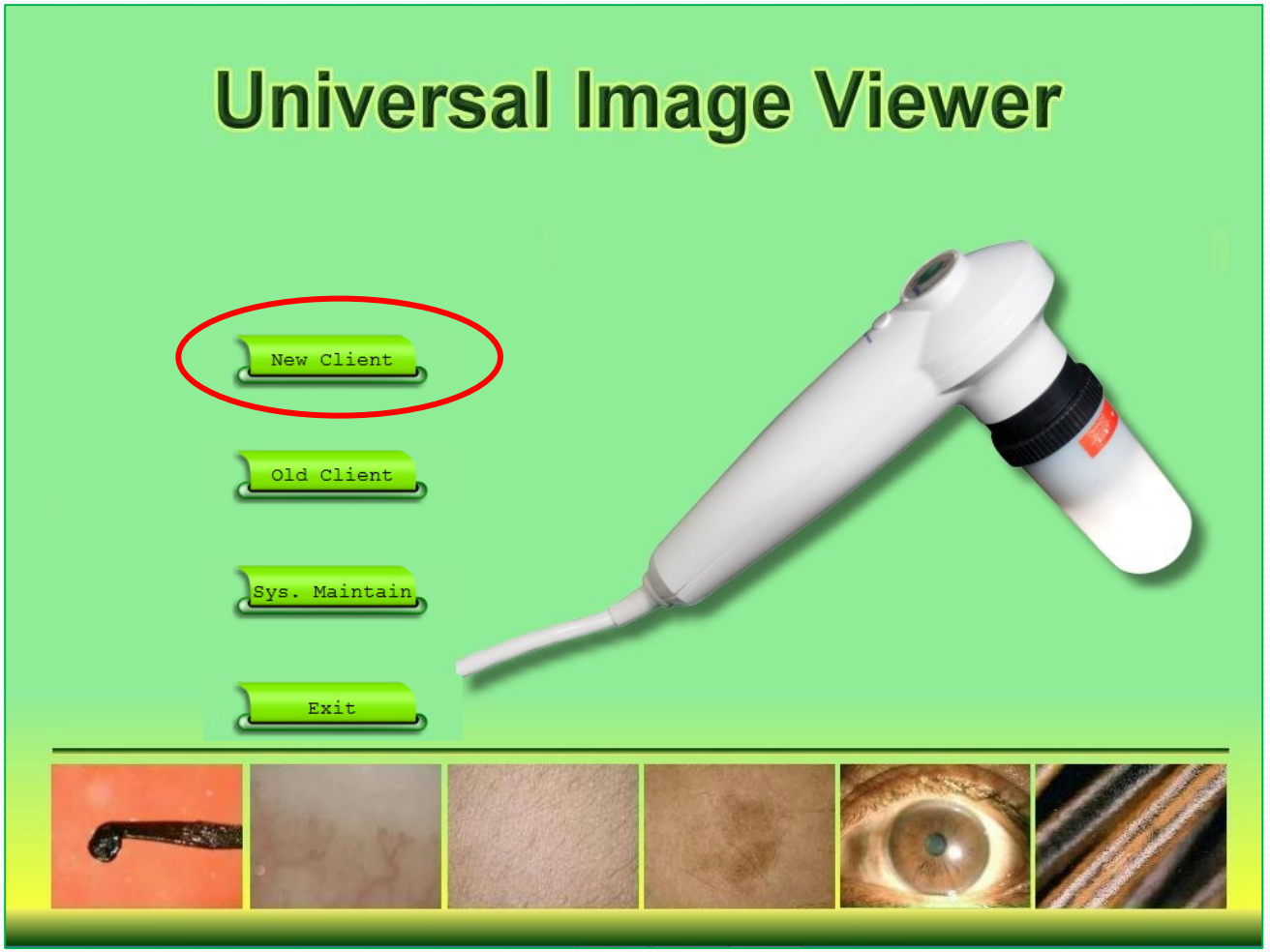


Kindly entry the “*Compatibility*” path and select “Privilege Level” as “*Run this program as an administrator*”, then press “*Apply*” & “*OK*” to complete software system compatibility setting.





Home page of “HD-Pro Capture” software



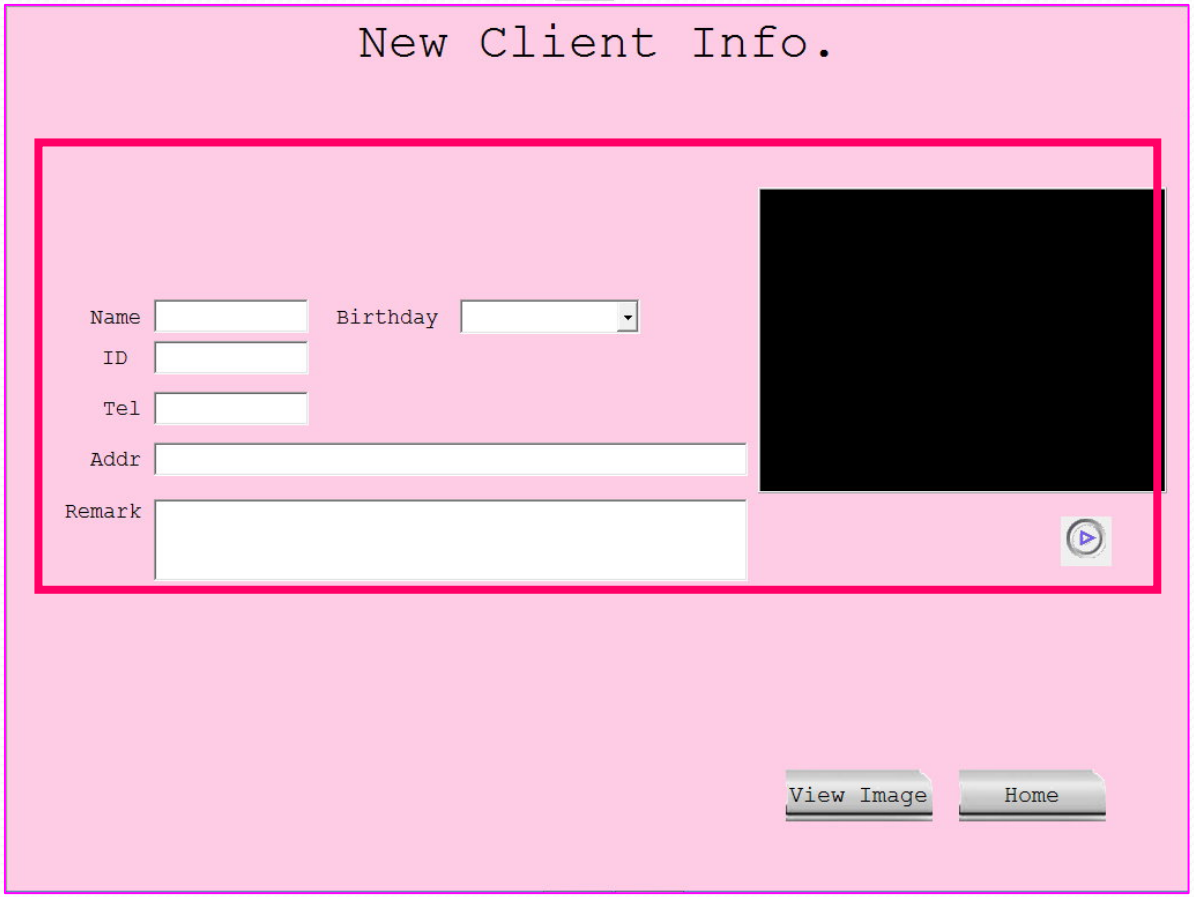
Please click “New Client” to build up a new client data.

A. New Client

To take pictures or build up clients information.

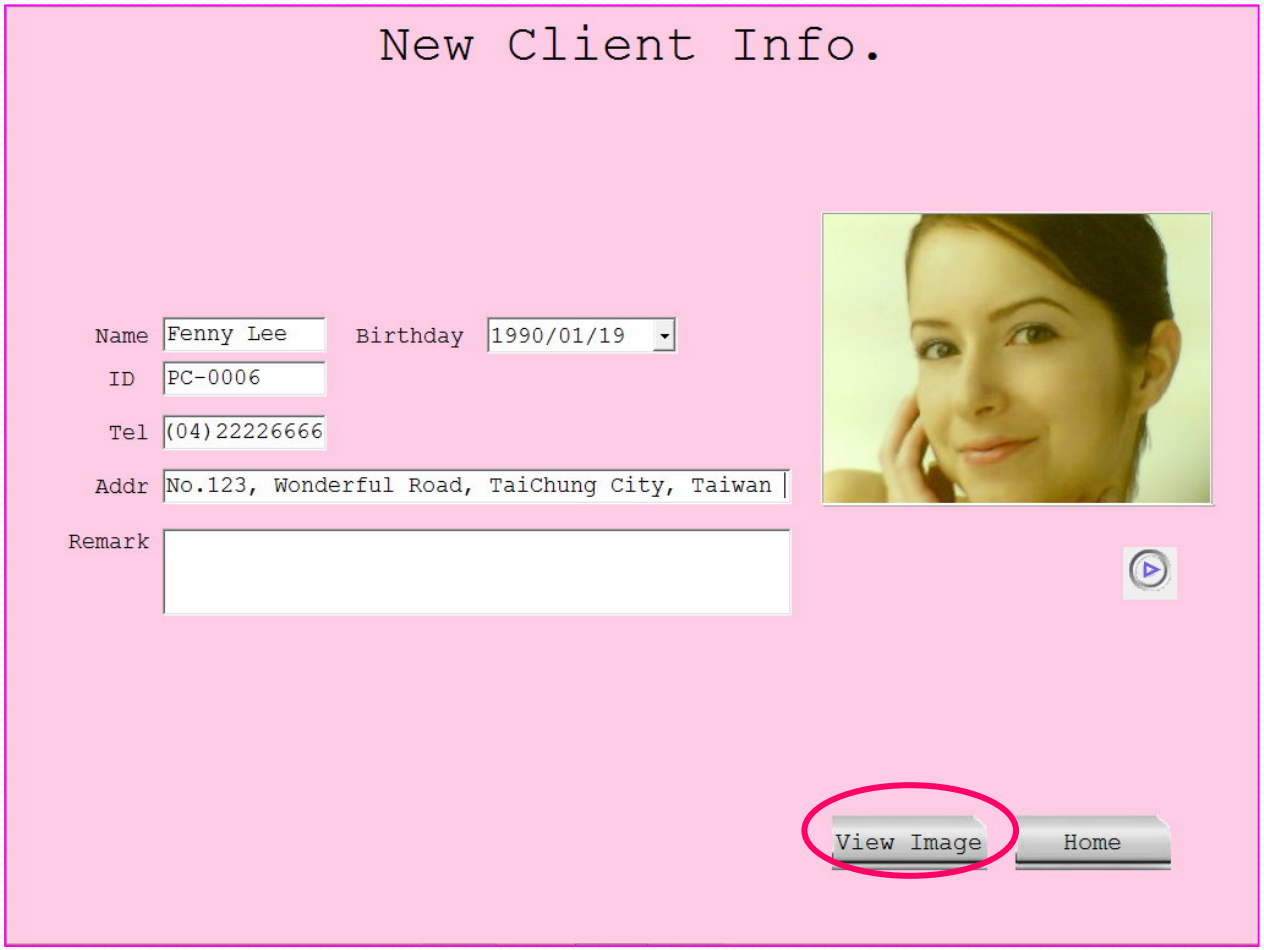
A-1 Please fill the clients' information in all blank parts (Entering the name and ID is a necessary step when adding a new clients' personal information).

A-2 The view window is to take client picture. Please use HD-1 Adj. lens, press "Frame Freeze" to make the view window live firstly and then click (or press "Frame Freeze") button to freeze picture.



A-3 Once the client personal information is built up, you can click “View Image” to begin the image capture and this new client info. will be automatically saved.

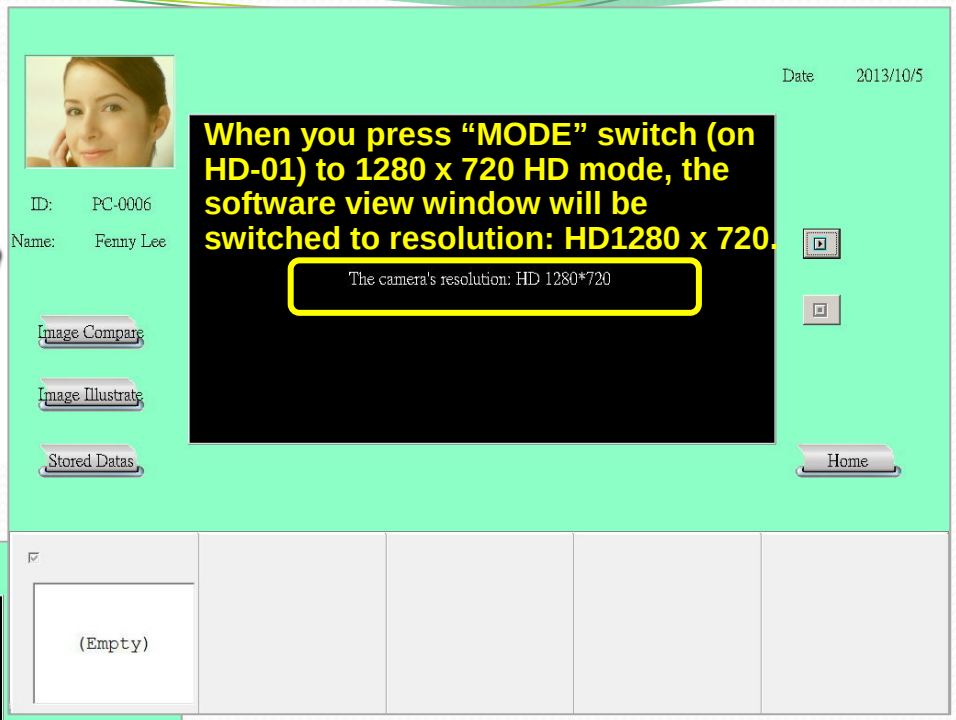
(* If you click “Home” button, it will appear a small window to ask you “save it, yes or not?”)

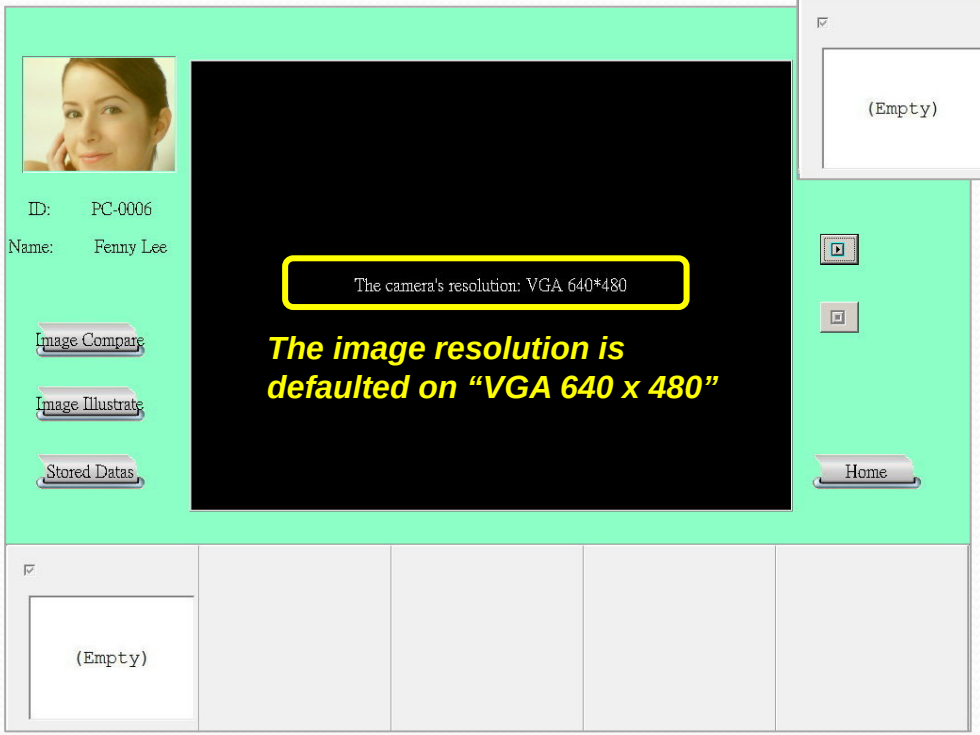


(“View Image”page)

HD-01 camera resolution is defaulted on VGA 640 x 480. You can even enjoy the best high clarity especially under 1280 x 720 HD mode.

***Suggestion: optimum computer screen resolution “1366x768 (or up)**


Date 2013/10/5
ID: PC-0006
Name: Fenny Lee
When you press “MODE” switch (on HD-01) to 1280 x 720 HD mode, the software view window will be switched to resolution: HD1280 x 720.
The camera's resolution: HD 1280*720
Image Compare
Image Illustrate
Stored Datas
Home
(Empty)

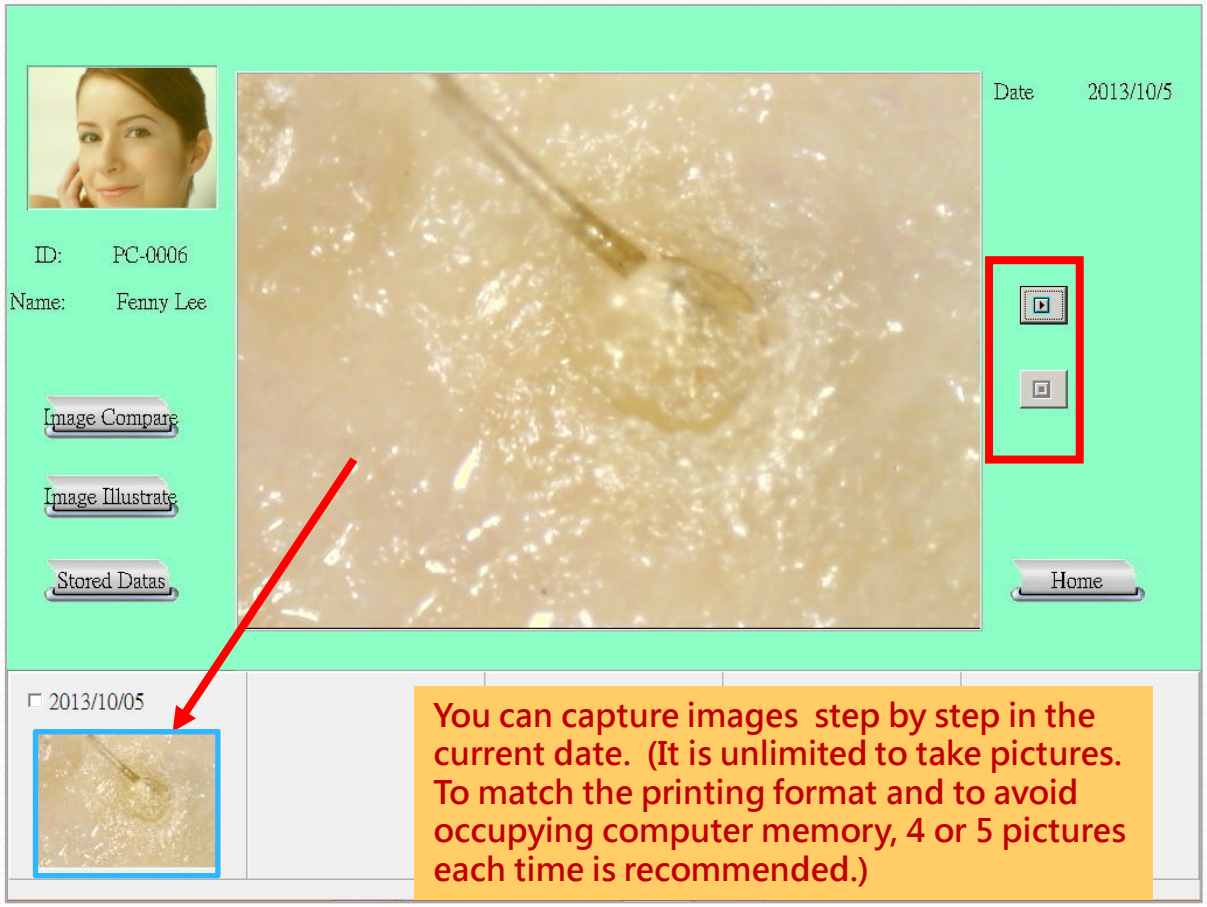


*** Remark: For HD-01e Easy Scope, only default resolution VGA 640 x 480 available.**

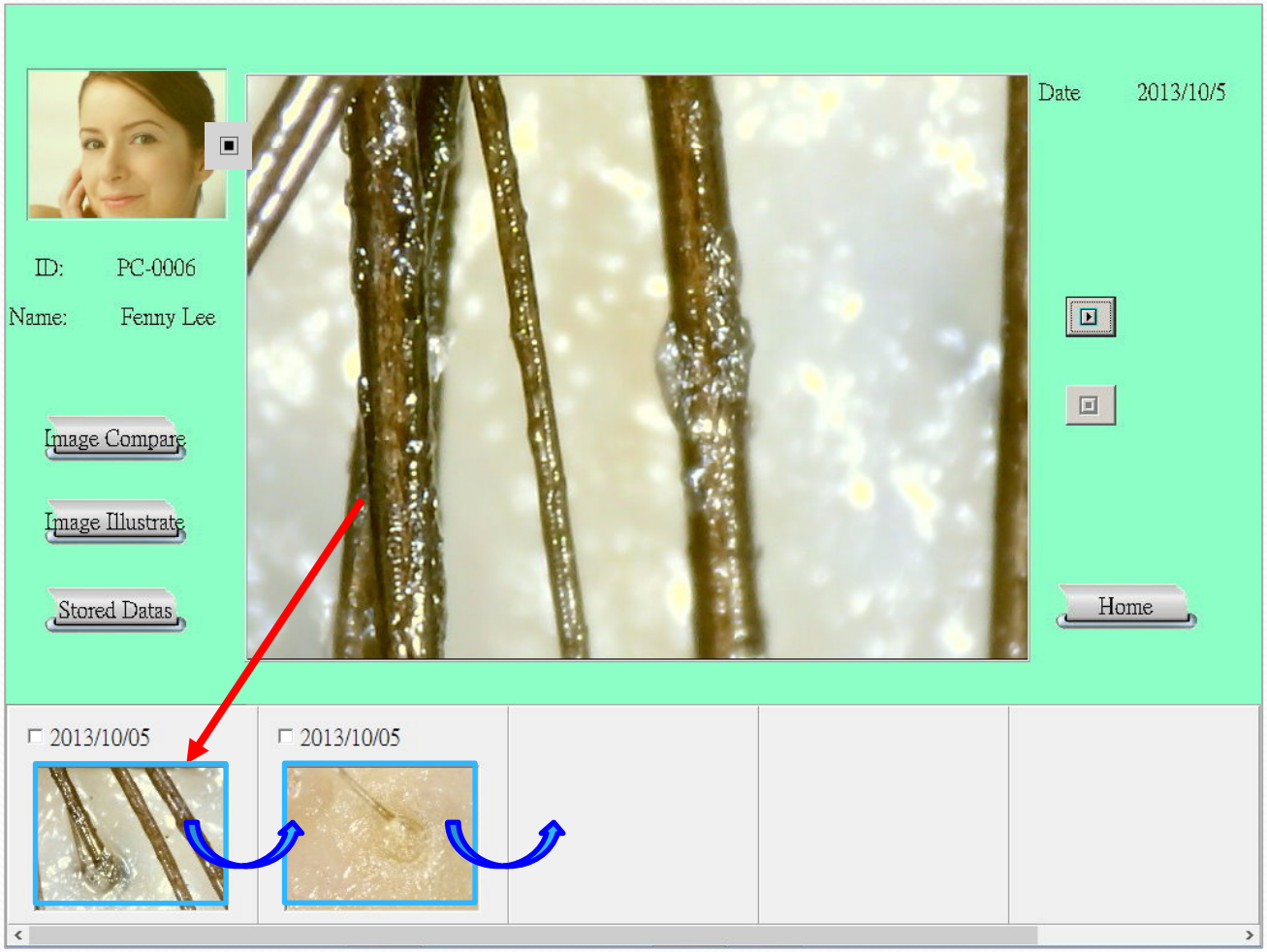
A-4 View Image:

Please press “Frame Freeze” button to make window live firstly, while getting the part you want to capture, click ▶ or press “Frame Freeze” button to freeze image. Then click ■ (or press ”Frame Freeze”) button to throw the frozen image in to first lower left frame.

(* If you want to re-capture the frozen image, please click ▶ to make view window live before you click ■ and then capture new image.


Date 2013/10/5
ID: PC-0006
Name: Fenny Lee
Image Compare
Image Illustrate
Stored Datas
Home
2013/10/05
You can capture images step by step in the current date. (It is unlimited to take pictures. To match the printing format and to avoid occupying computer memory, 4 or 5 pictures each time is recommended.)

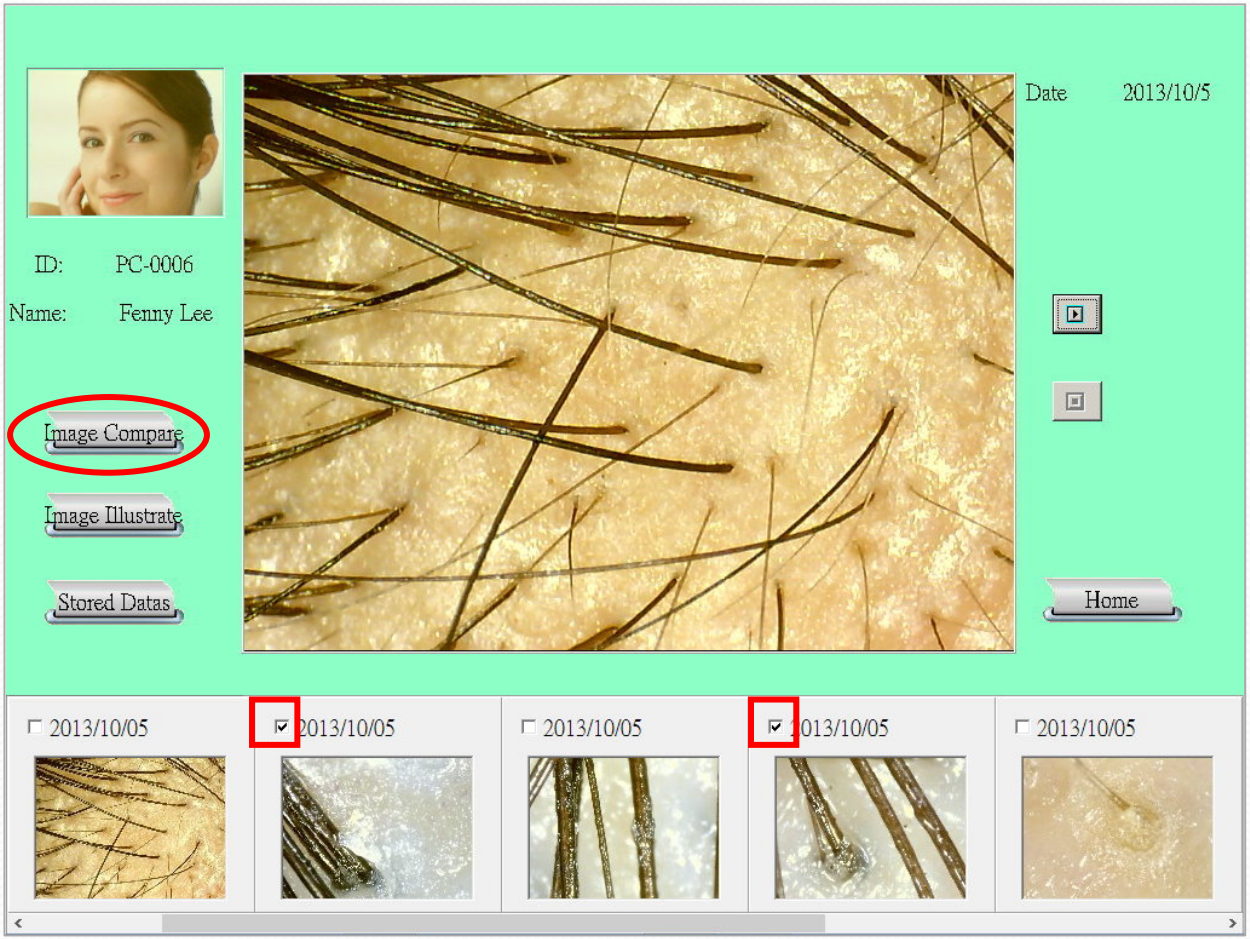
For the shoots of the 2nd, 3rd, … images) please continue clicking ▶ ■ (or pressing "Frame Freeze") button to finish the image capture.



(After image capture in the same day, you can execute "Image Compare" & "Image Illustrate" functions.

A-5 Image Compare:

Please select 2 images you want to compare then click “Image Compare” .



There are 3 conditions to compare images:

a. Original image comparison

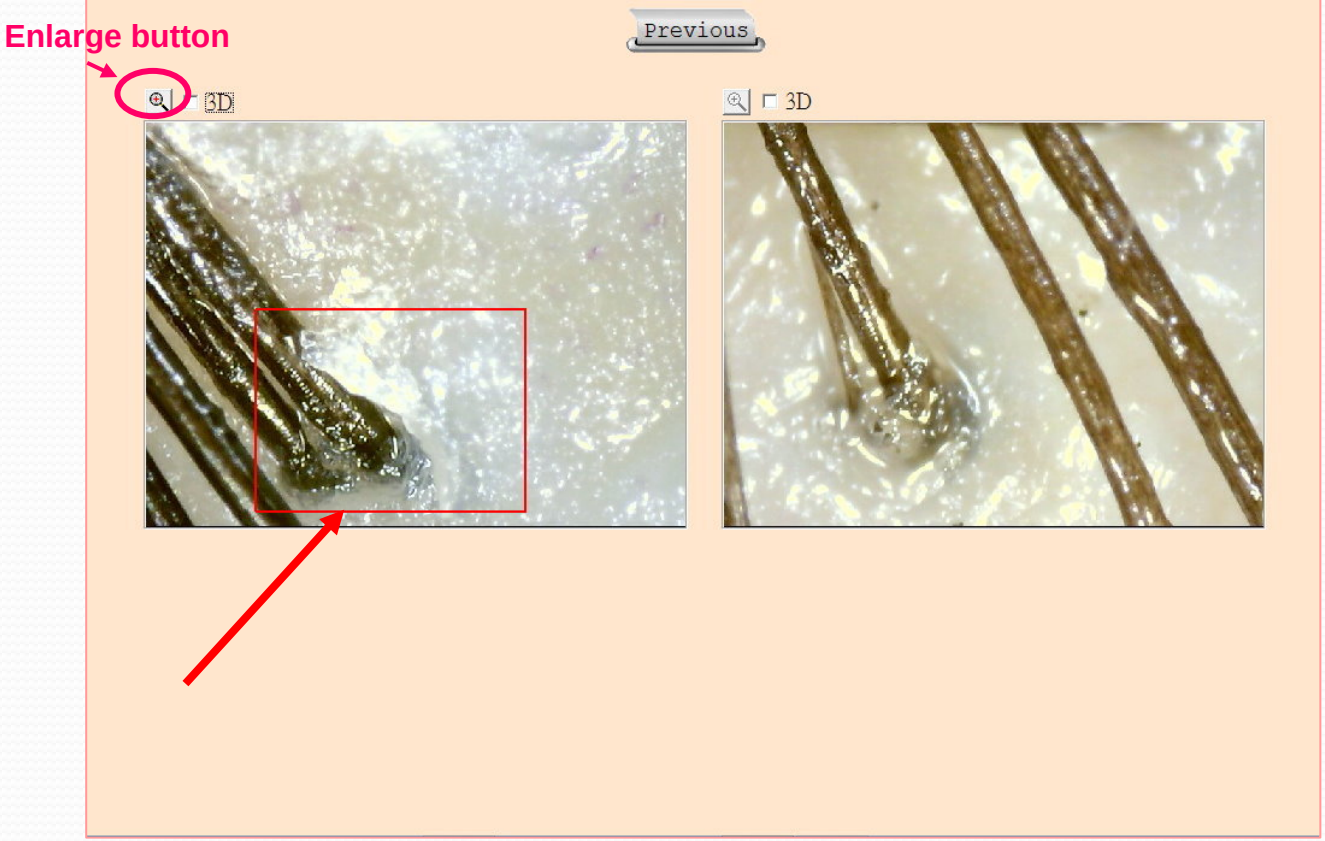
Press “Previous” icon to exit the Image Compare function.

b. Partial area enlargement

b-1 Move the mouse on the section area you want to enlarge and click it, it will appear a red frame on it.

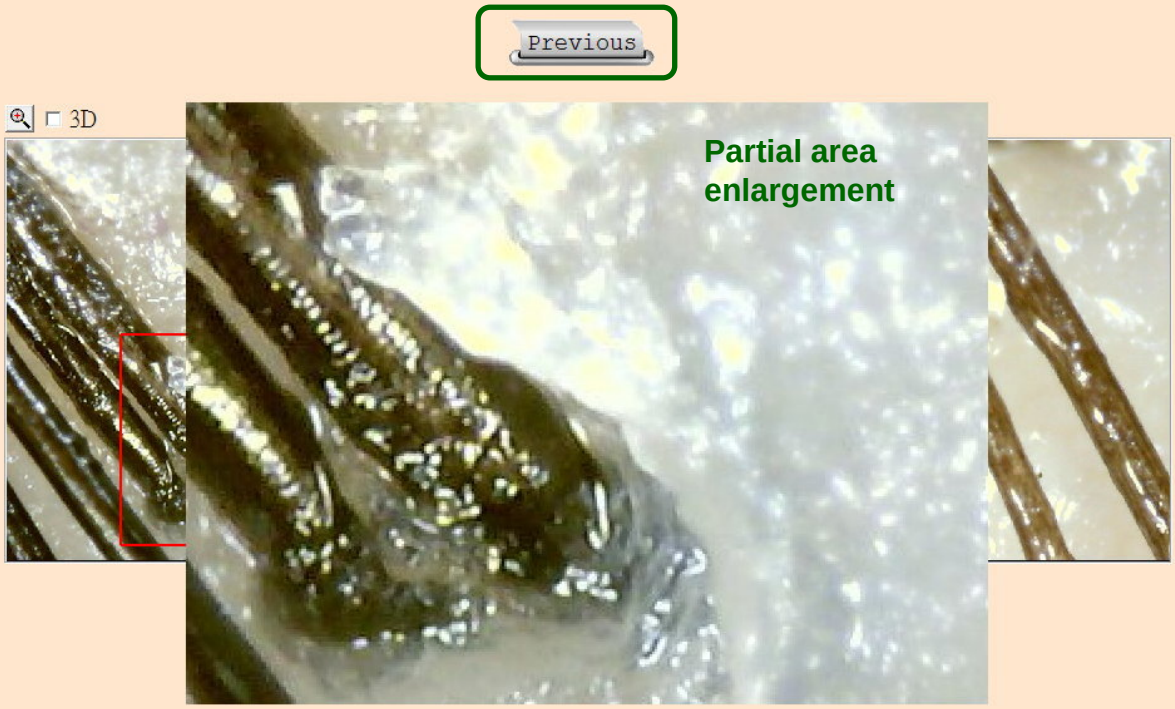
b-2 Then click “Enlarge button” to facilitate analysis.

(Per picture in next page)



b-3. To return it back to original size, please click the left mouse on the enlarged image.

Press “Previous” icon to exit the Image Compare function.



c. 3D Comparison

Click “3D” button in one or two image(s) below, then the image(s) will show like a negative film. Sometimes the 3D image will help you to make further analysis.

Press “Previous” icon to exit the Image Compare function.

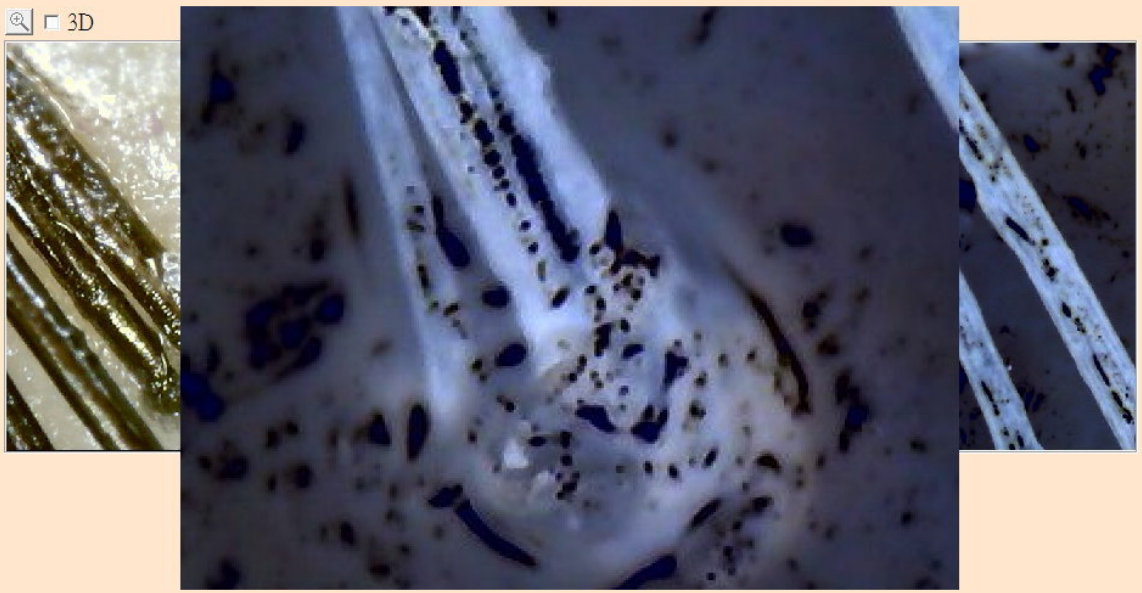
*** You can also make partial area enlargement in 3D picture.**

Please move the mouse on the section area of 3D image you want to enlarge , click it to get a red frame and then click Enlarge button, you will see the enlarged image of the section part (per the picture in next page).

Press “Previous” icon to exit the Image Compare function.

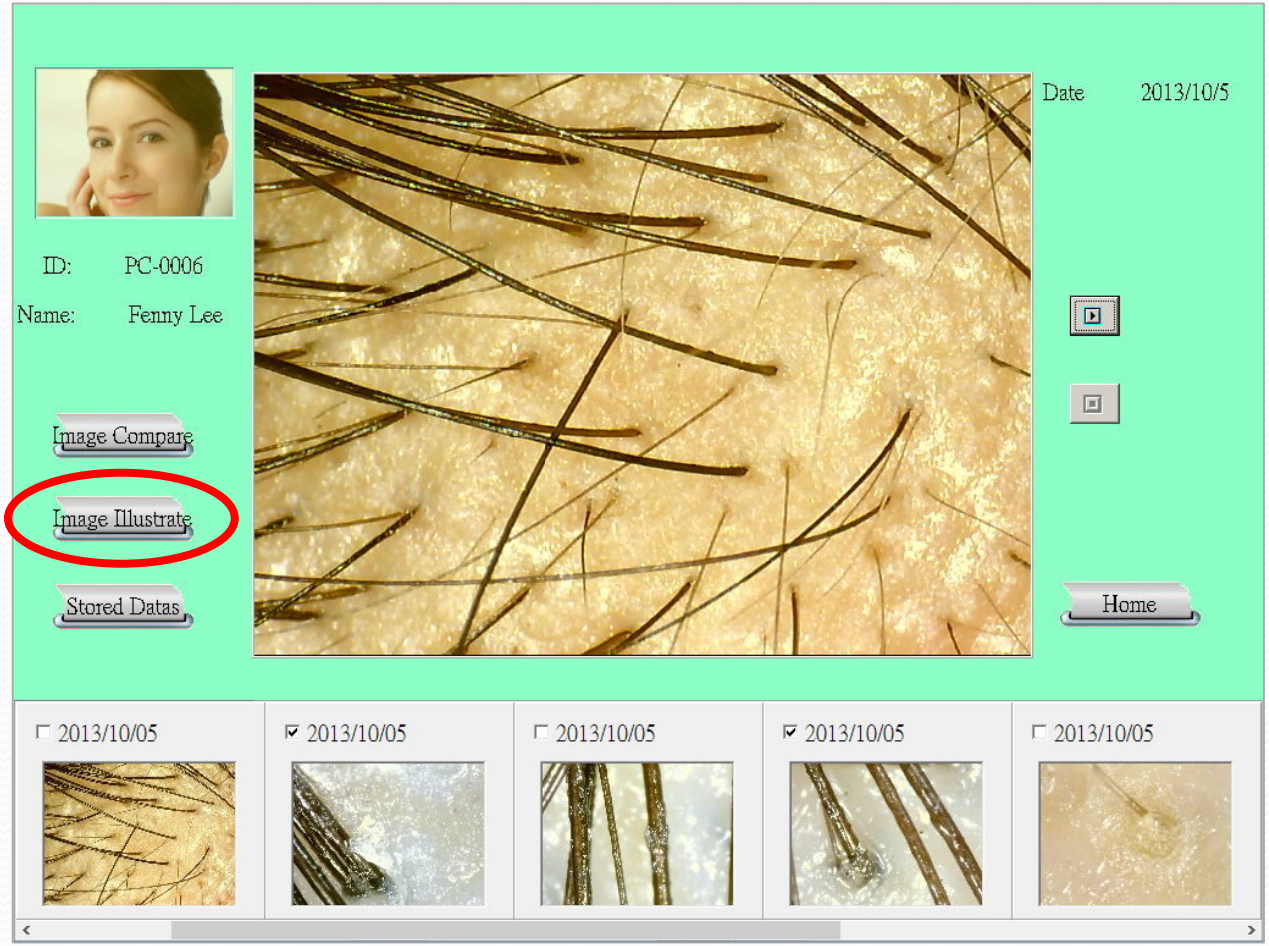
To return it back to original size, please click the left mouse once.

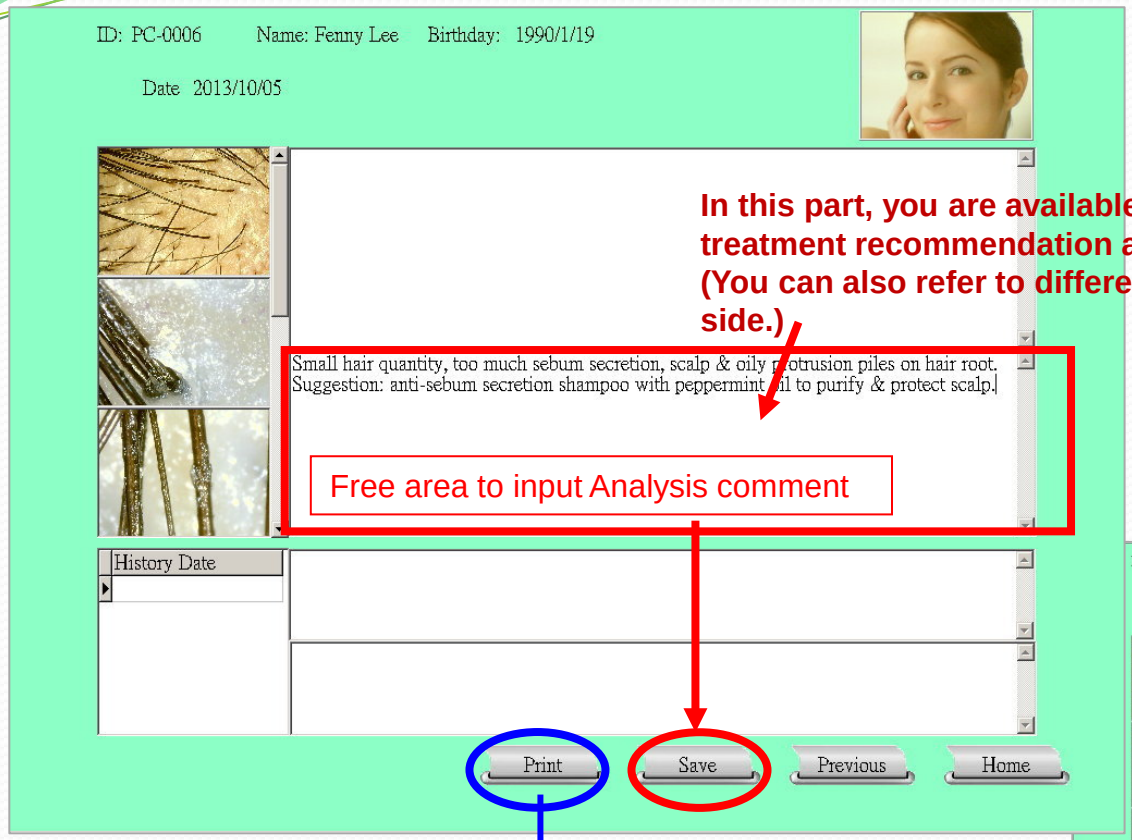
Press “Previous” icon to exit the Image Compare function.



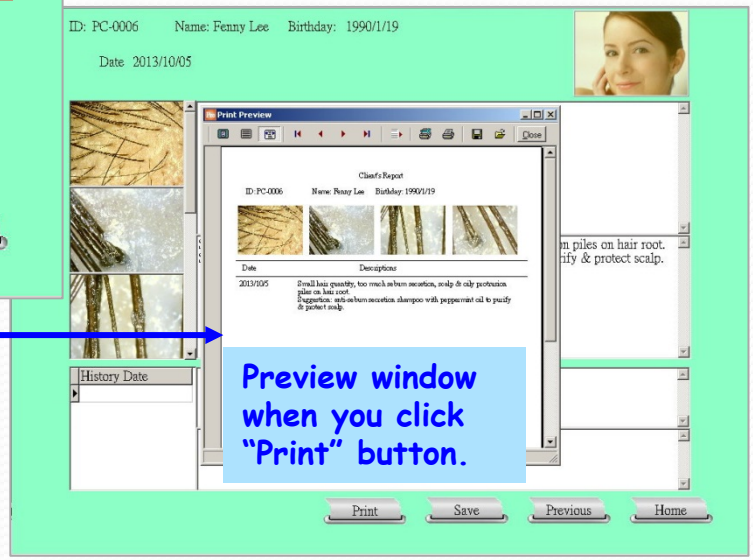
A-6 Image Illustrate

Click on the “Image Illustrate” to look for the images analysis illustration. Consequently, you are able to put analysis comment, saved or print out the data.




ID: PC-0006 Name: Fenny Lee Birthday: 1990/1/19
Date 2013/10/05
Small hair quantity, too much sebum secretion, scalp & oily protrusion piles on hair root.
Suggestion: anti-sebum secretion shampoo with peppermint oil to purify & protect scalp.
Free area to input Analysis comment
History Date
Print
Save
Previous
Home

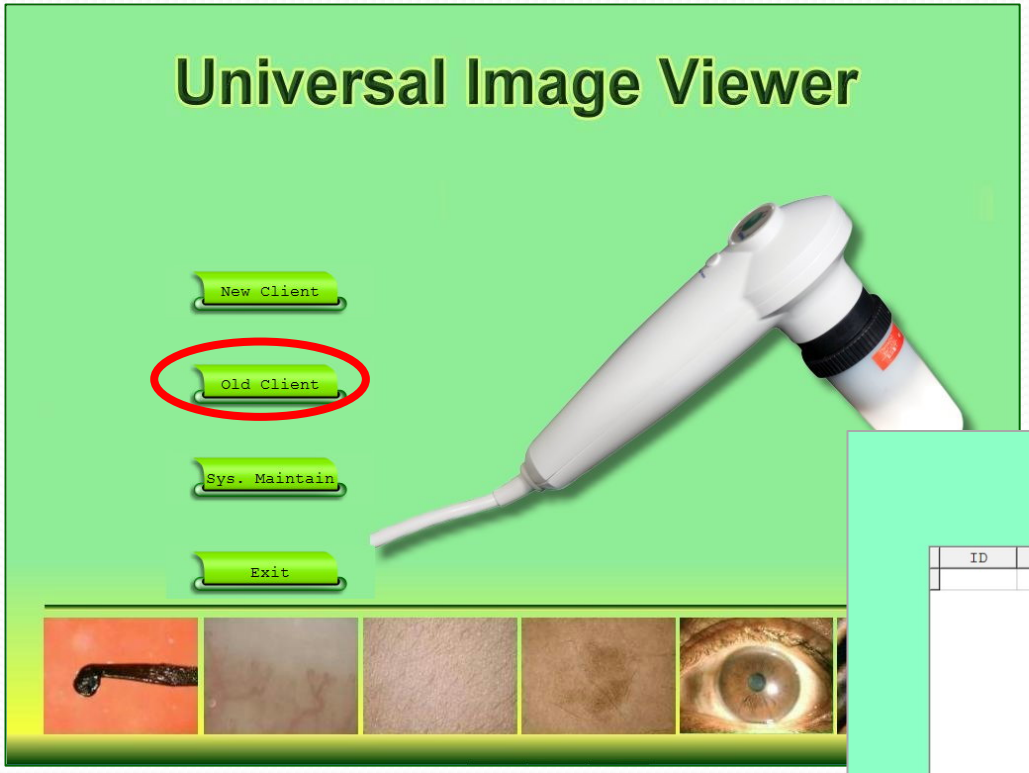
In this part, you are available to type the analysis result in it, treatment recommendation and the recommended products. (You can also refer to different history datea in the lower left side.)



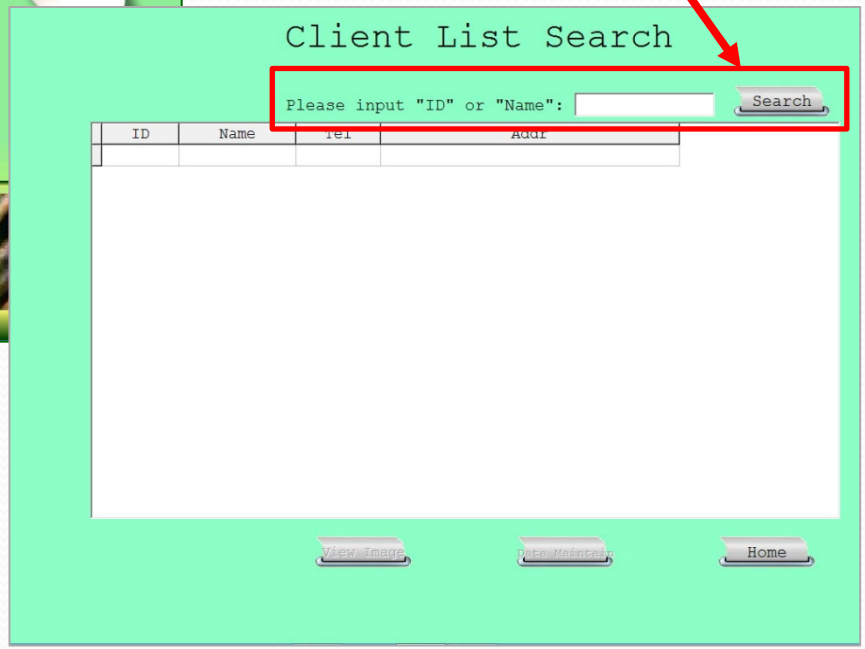
After building up those information, please remember to press "Save". The stored last 4 images and the record report are available to print out with the button "Print" .

B. Old Client

Please click “Old Client” from Home page to enter old client data.



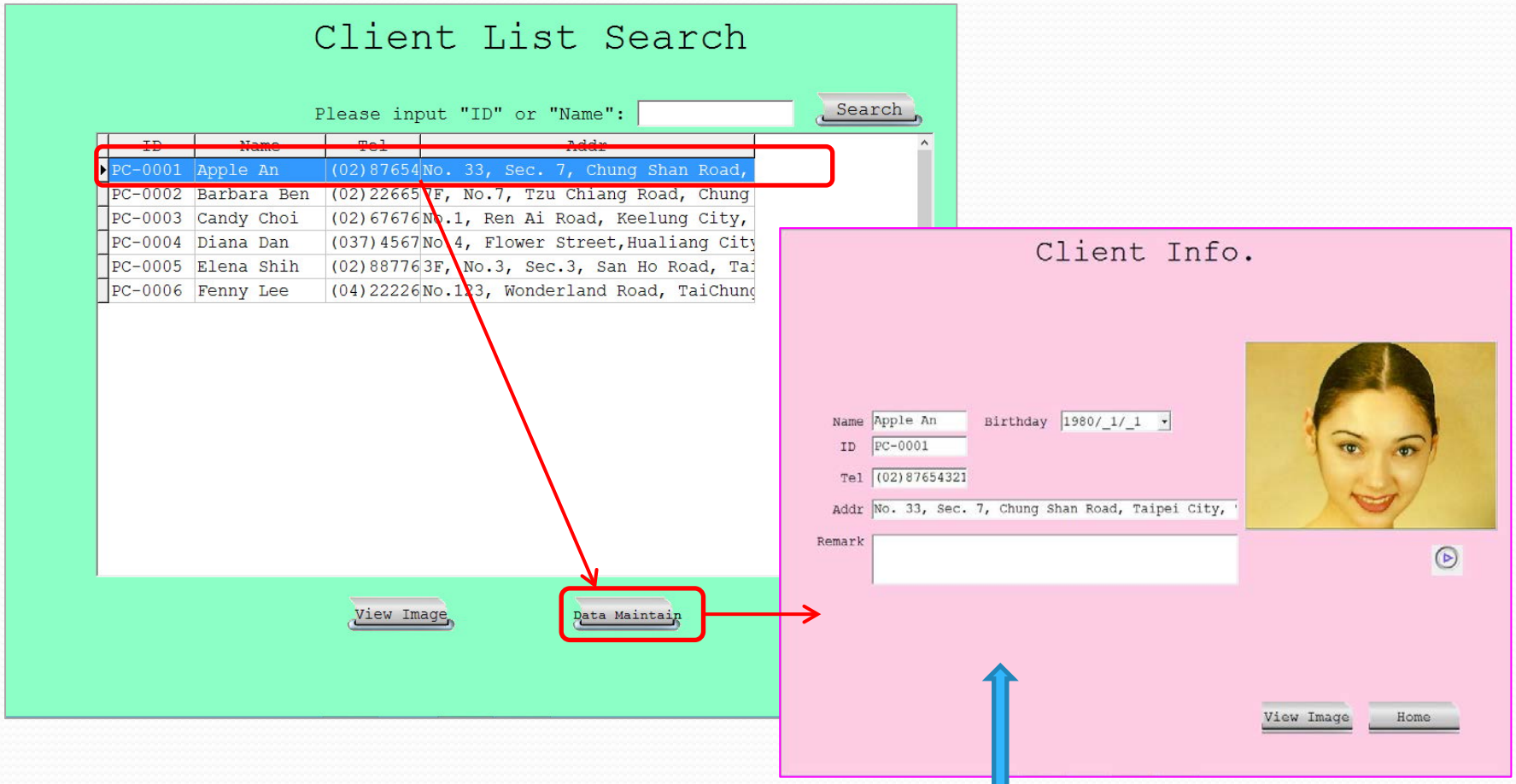
Input client “ID” or “Name” to search for the client personal information. Or if you directly click “Search” button, it will show you all the old client list.



This is an all client list. After finding the certain old client, you can go to revise client data by clicking “Data Maintain” (Ref: page 22) ; by clicking “View Image” you can execute image capture,, illustrate functions (Ref: page 25-43). You can even delete the whole old client data (Ref: page 23).

B-1 Data Maintain

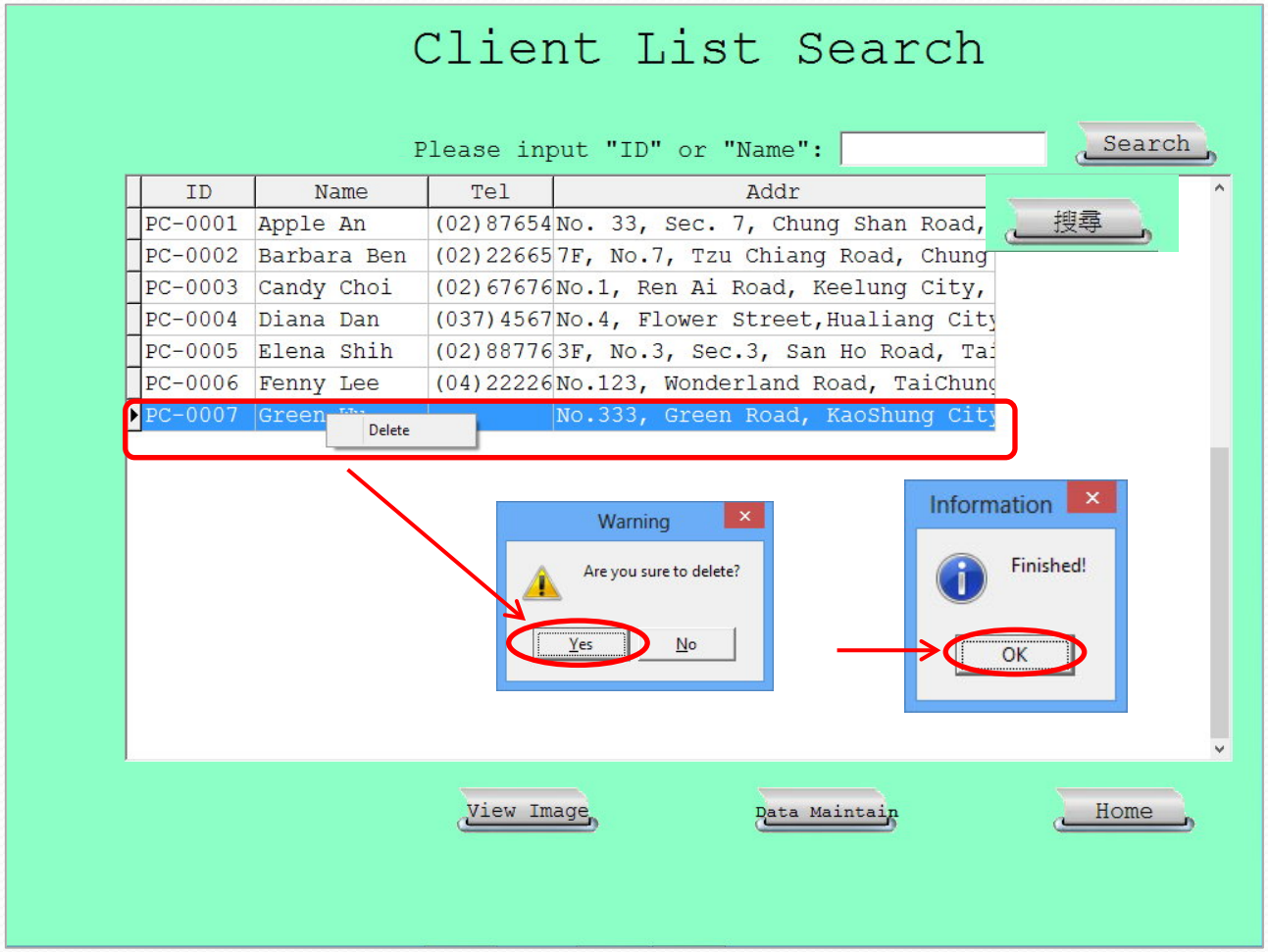
When you are going to revise the client information, please click that client and then click “Data Maintain”.


Client List Search
Please input "ID" or "Name":
Search
ID
Name
Tel
Addr
PC-0001 Apple An (02)87654 No. 33, Sec. 7, Chung Shan Road,
PC-0002 Barbara Ben (02)22665 7F, No.7, Tzu Chiang Road, Chung
PC-0003 Candy Choi (02)67676 No.1, Ren Ai Road, Keelung City,
PC-0004 Diana Dan (037)4567 No 4, Flower Street,Hualiang City
PC-0005 Elena Shih (02)88776 3F, No.3, Sec.3, San Ho Road, Tai
PC-0006 Fenny Lee (04)22226 No.123, Wonderland Road, TaiChung
View Image
Data Maintain
Client Info.
Name Apple An
Birthday 1980/_1/_1
ID PC-0001
Tel (02)87654321
Addr No. 33, Sec. 7, Chung Shan Road, Taipei City,
Remark
View Image
Home

In this inner page you can change client data or re-take a picture. Then click “View Image” to begin the image capture and the client data will be automatically saved. (If you click “Home” button, it will appear a small window tht shows “save it, yes or not?”)

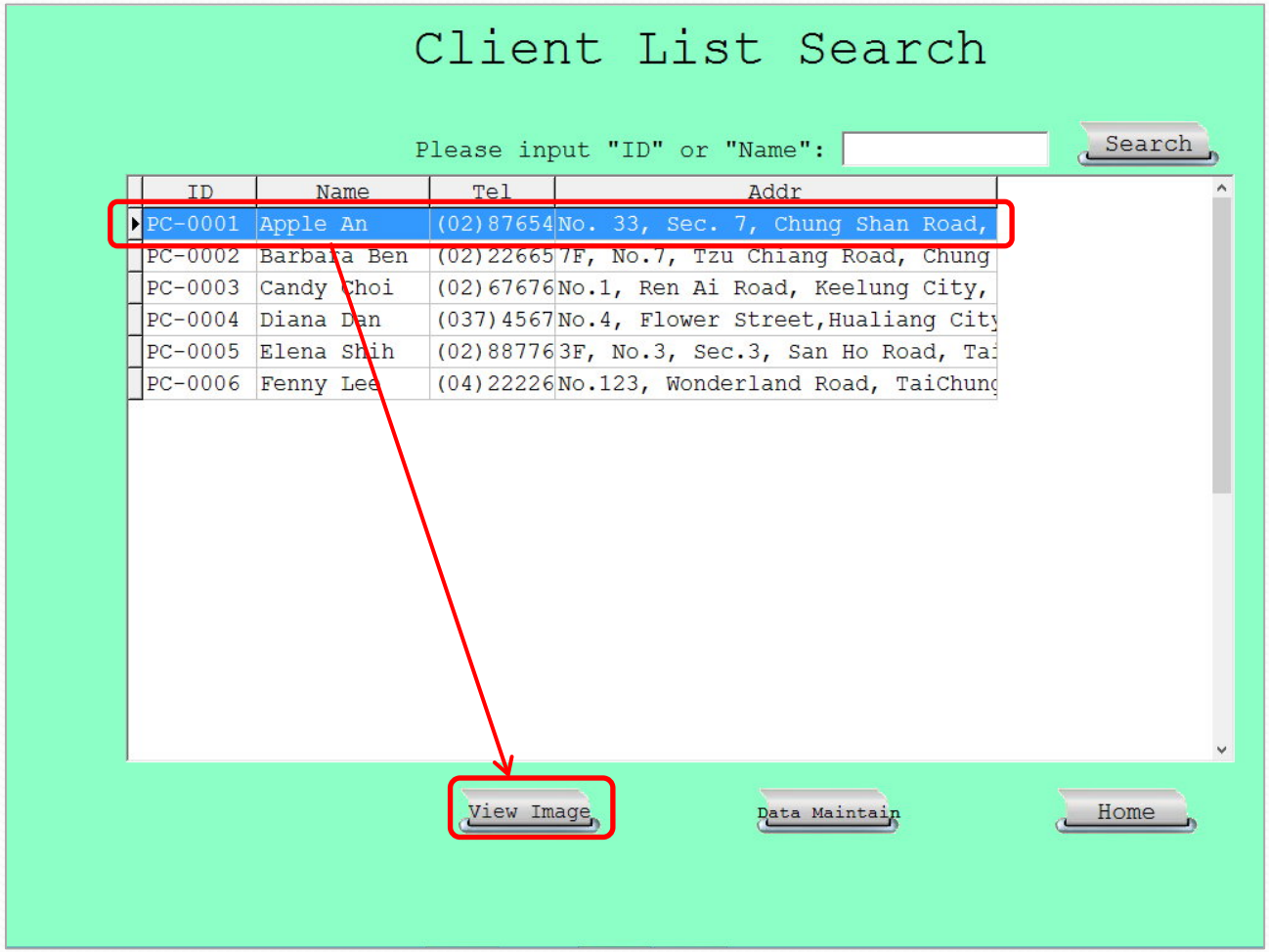
B-2 Delete whole client data

If you want to delete a certain client, move your mouse to that client click right mouse, a small “Delete” button will appear. Press “Delete” and follow the steps to finish your delete work.



B-3 View Image

Click the client and then click “View Image”(or just double click that old client), you can execute the image functions.


Client List Search
Please input "ID" or "Name":
Search
ID
Name
Tel
Addr
PC-0001 Apple An (02)87654 No. 33, Sec. 7, Chung Shan Road,
PC-0002 Barbara Ben (02)22665 7F, No.7, Tzu Chiang Road, Chung
PC-0003 Candy Choi (02)67676 No.1, Ren Ai Road, Keelung City,
PC-0004 Diana Dan (037)4567 No.4, Flower Street,Hualiang City
PC-0005 Elena Shih (02)88776 3F, No.3, Sec.3, San Ho Road, Tai
PC-0006 Fenny Lee (04)22226 No.123, Wonderland Road, TaiChung
View Image
Data Maintain
Home

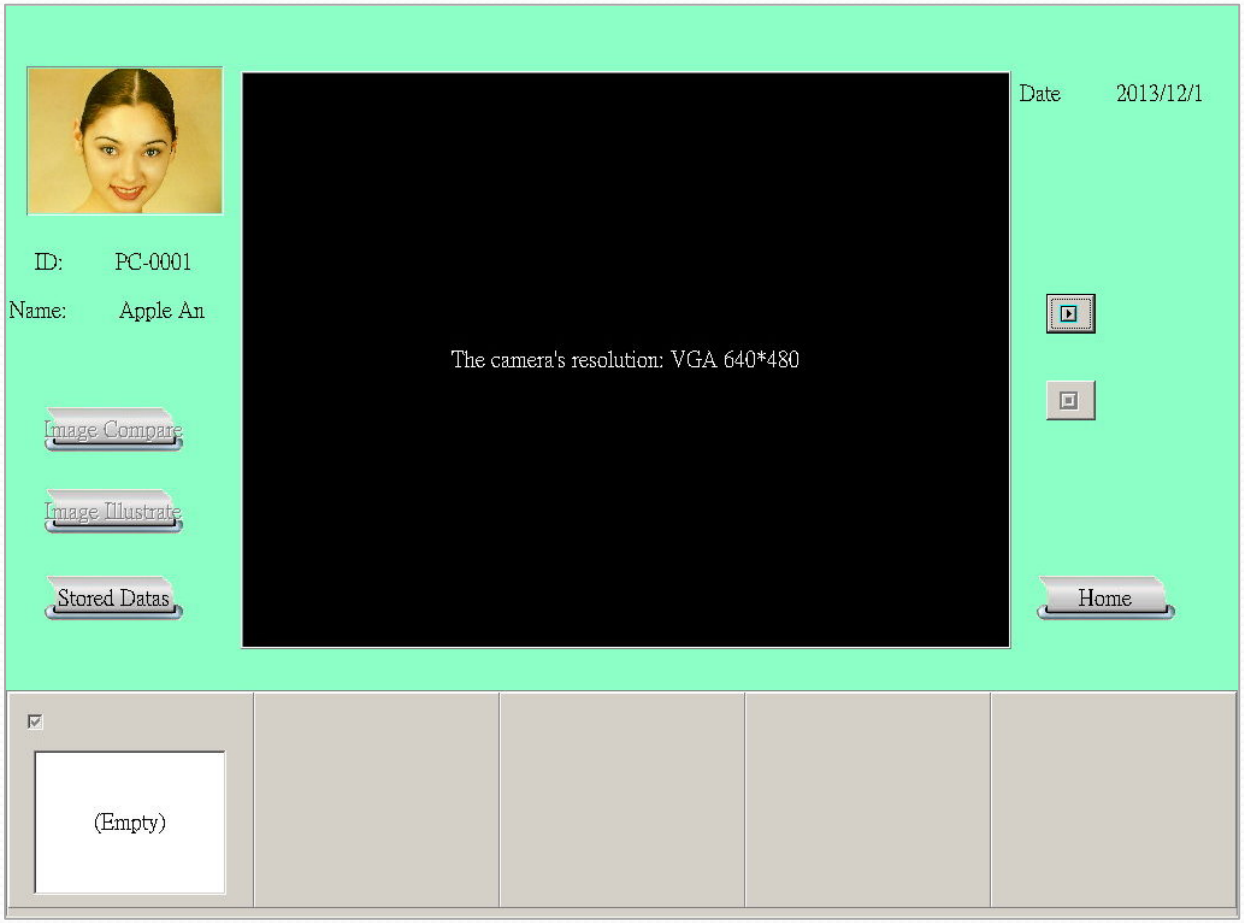
In this “View Image” page,

B-3-1 You are able to finish capturing images in the small frames below. (Please refer to page 9-11.)

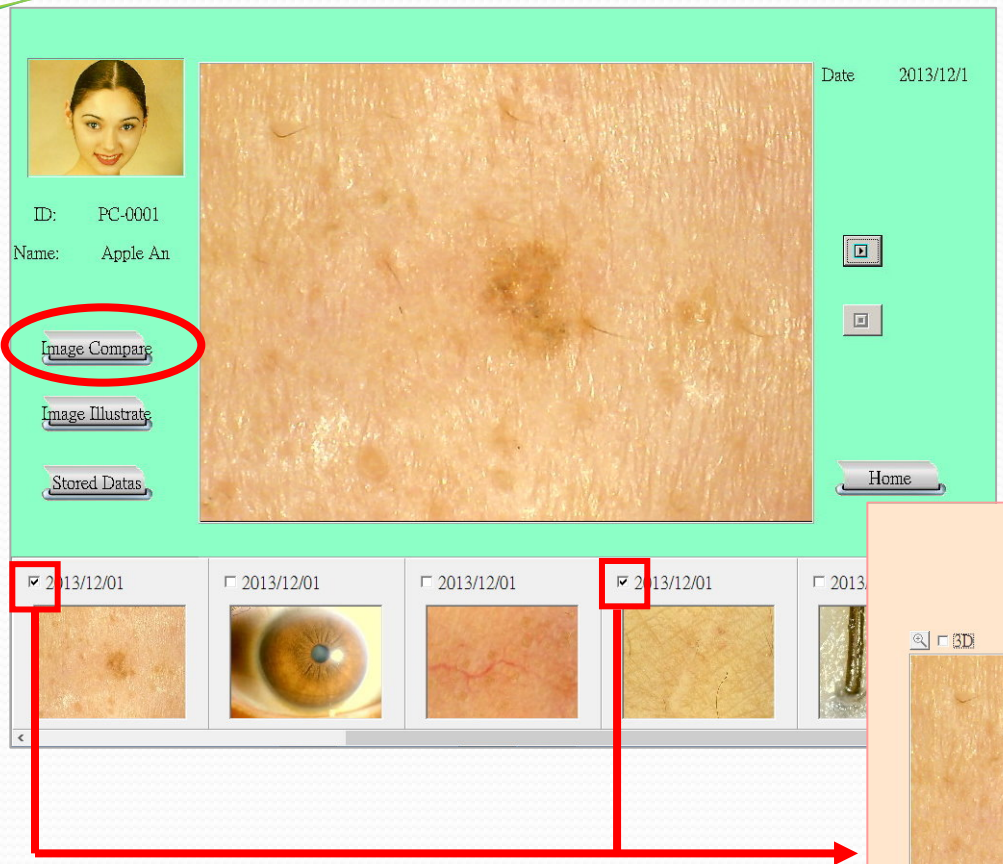
B-3-2 You can select 2 images to accomplish image compare by clicking “Image Compare” button.

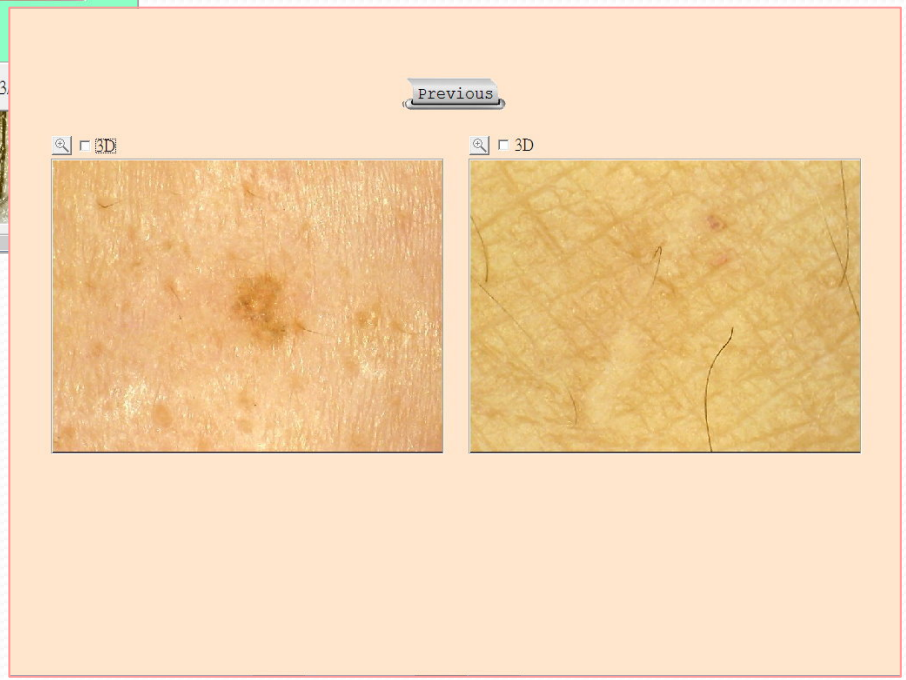
B-3-3 On the other hand, entering the “Image Illustrate” you are able to type in some status or recommended product / treatment based on the images taken. Or you can print the report out.

B-3-4 In addition, clicking on “Stored Datas” button, you are available to make client’s history data comparison.

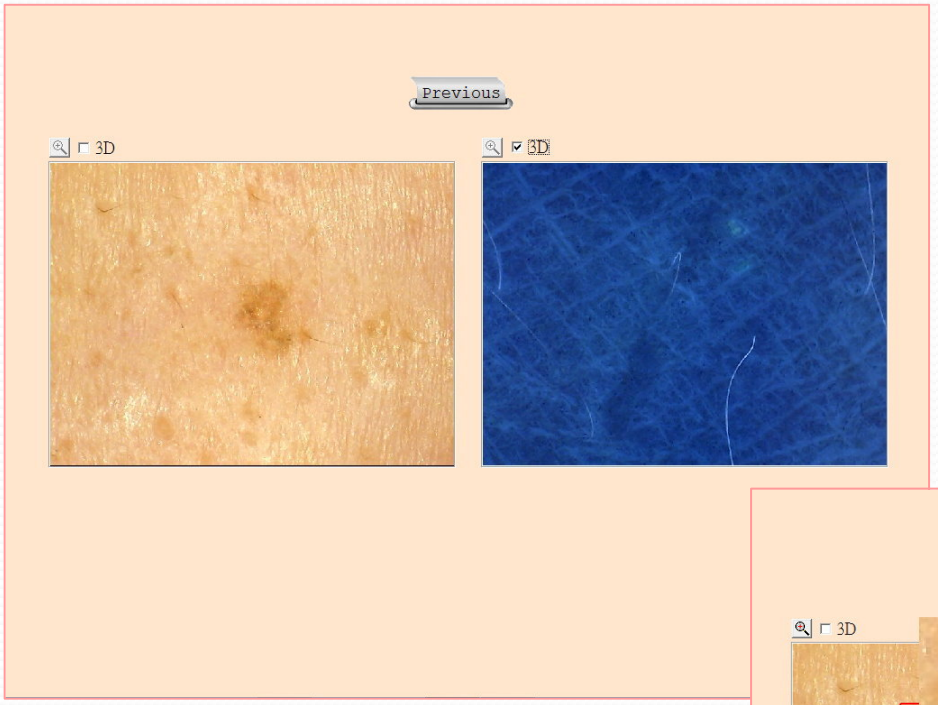


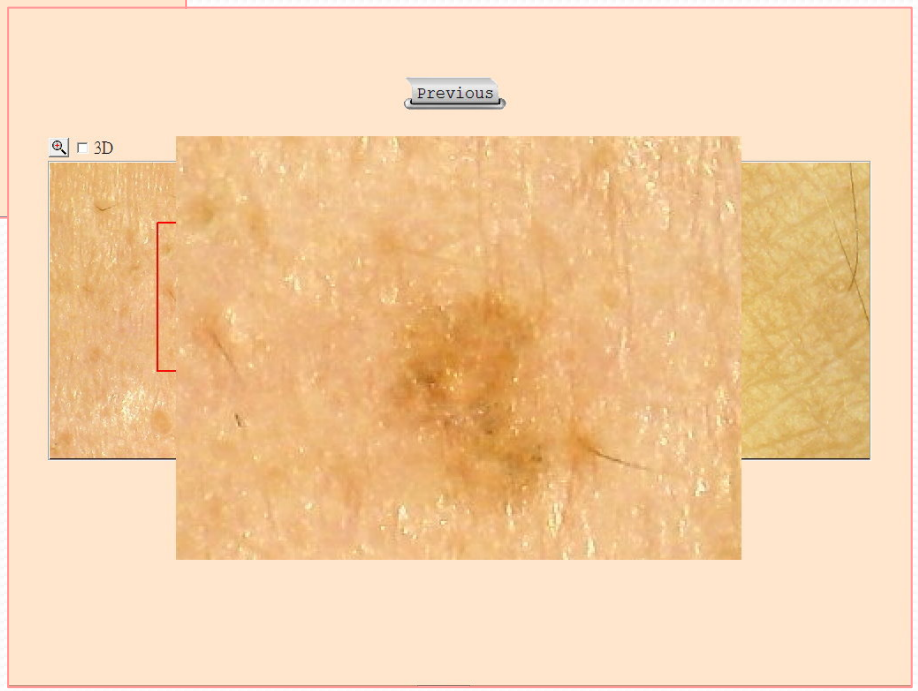
B-3-2 Image Compare



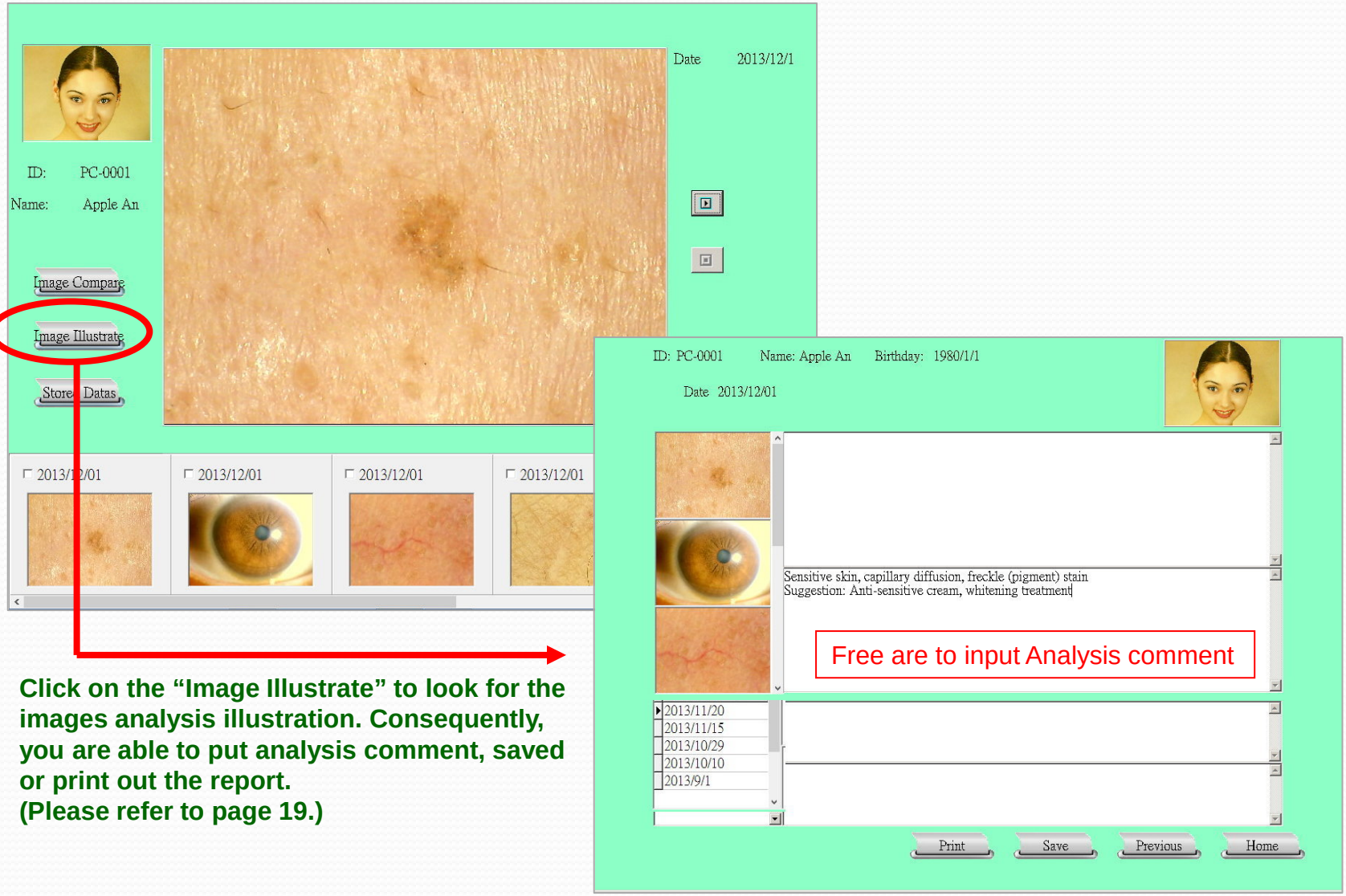


To execute the comparing function, certainly you should select 2 images then click “Image Compare” to accomplish it as well.
(Please refer to page 12-17.)


Previous
3D
3D

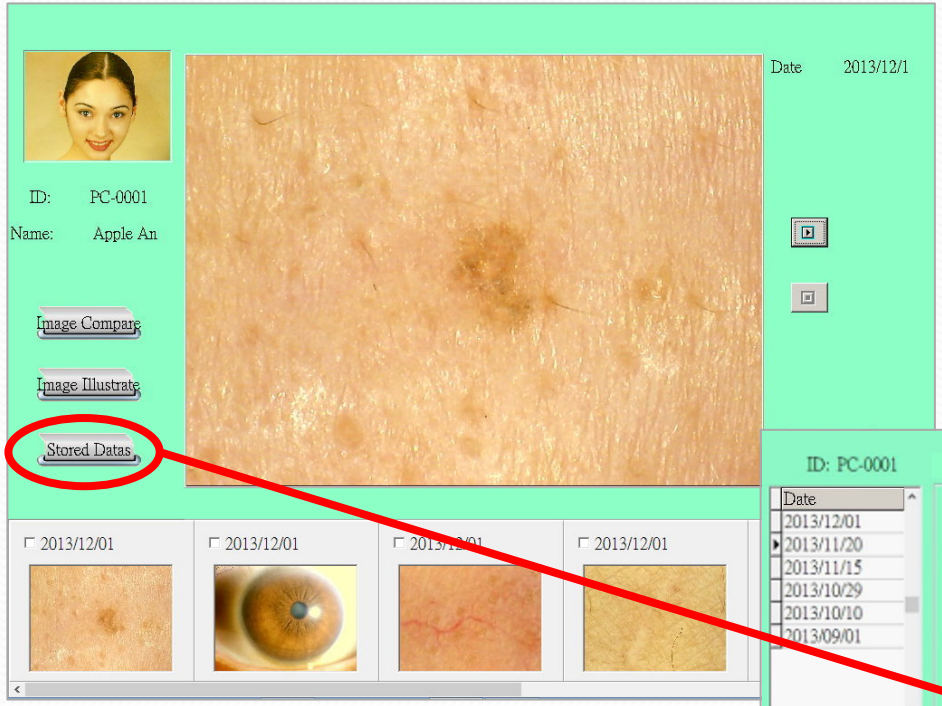

Previous
3D

B-3-3 Image Illustrate

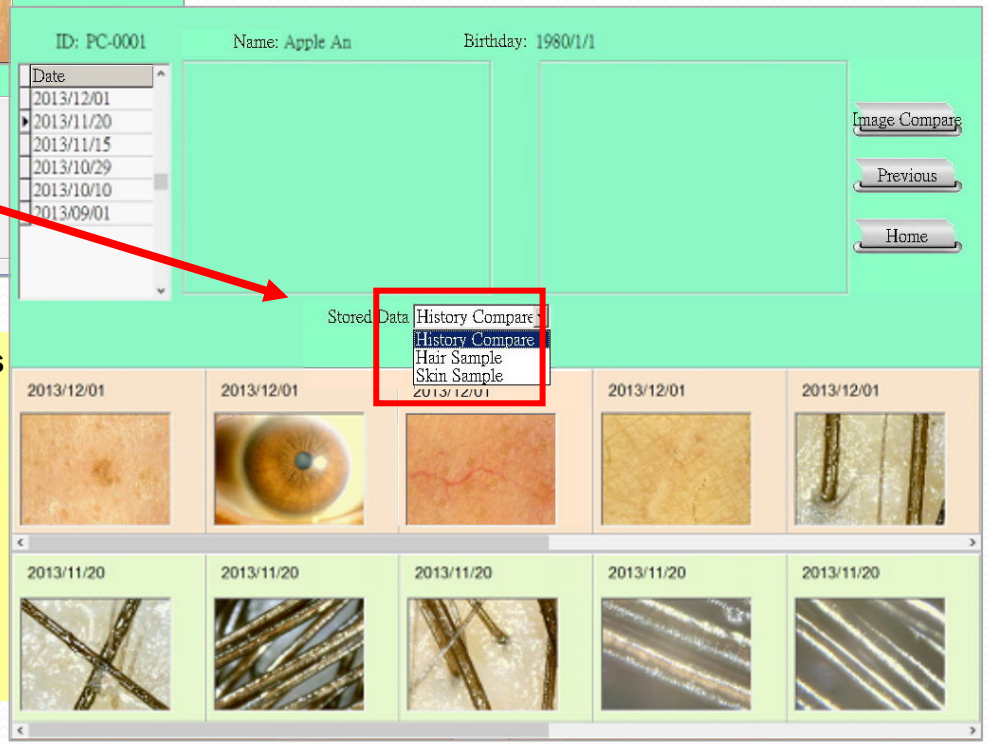


Click on the "Image Illustrate" to look for the images analysis illustration. Consequently, you are able to put analysis comment, saved or print out the report.
(Please refer to page 19.)

B-3-4 Stored Datas



Clicking on "Stored Datas" button, you are available to make client's history data comparison.



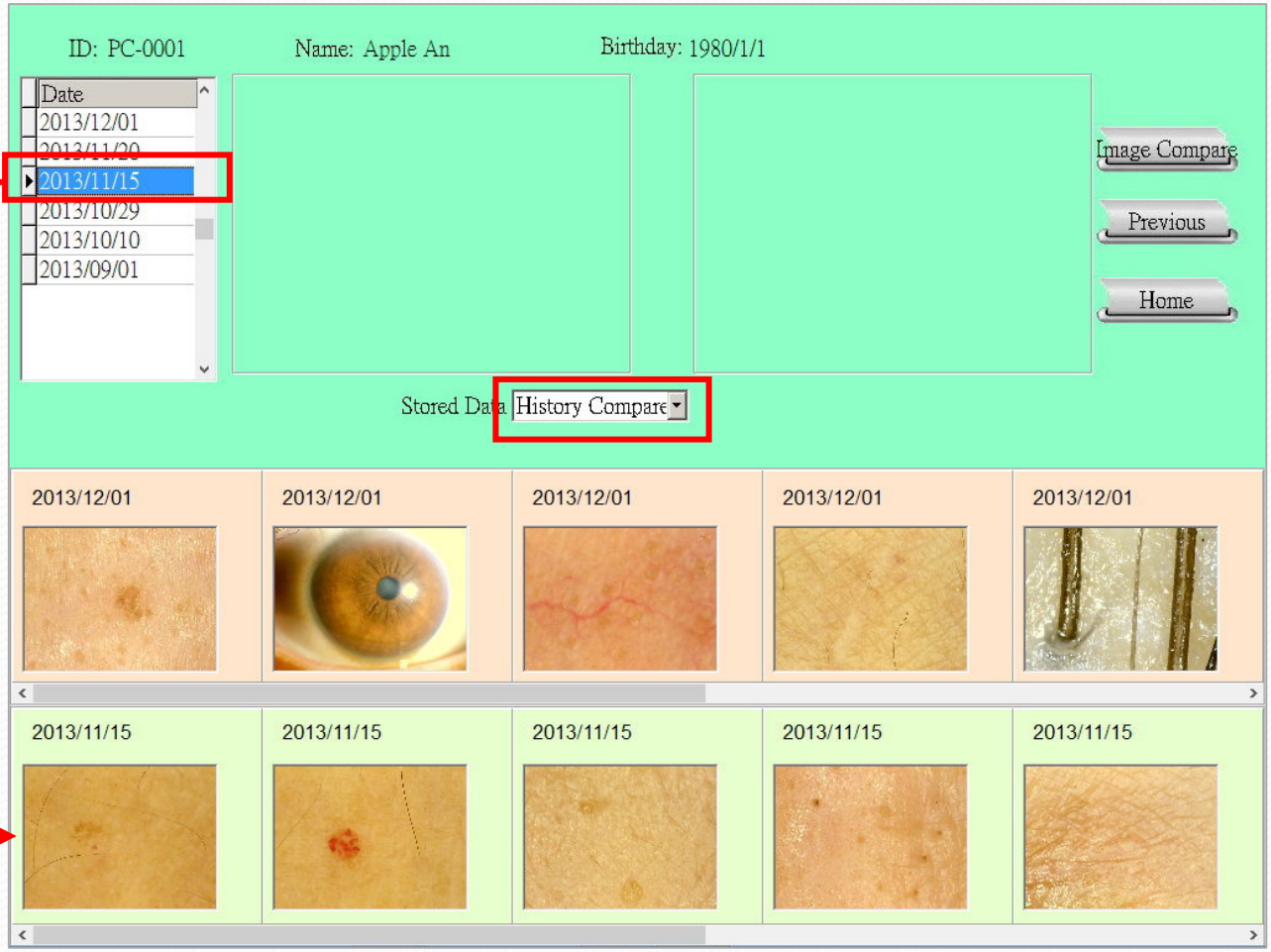
In this example, there are 3 selection classifications in "Stored Datas": History Compare, Skin Sample and Hair Sample. For comparing purpose, you can input various sample pictures and analysis illustrations in your databank.

- **If you think necessary, you can create more classifications such as "Iris", Microcirculation" to reinforce your databank.**

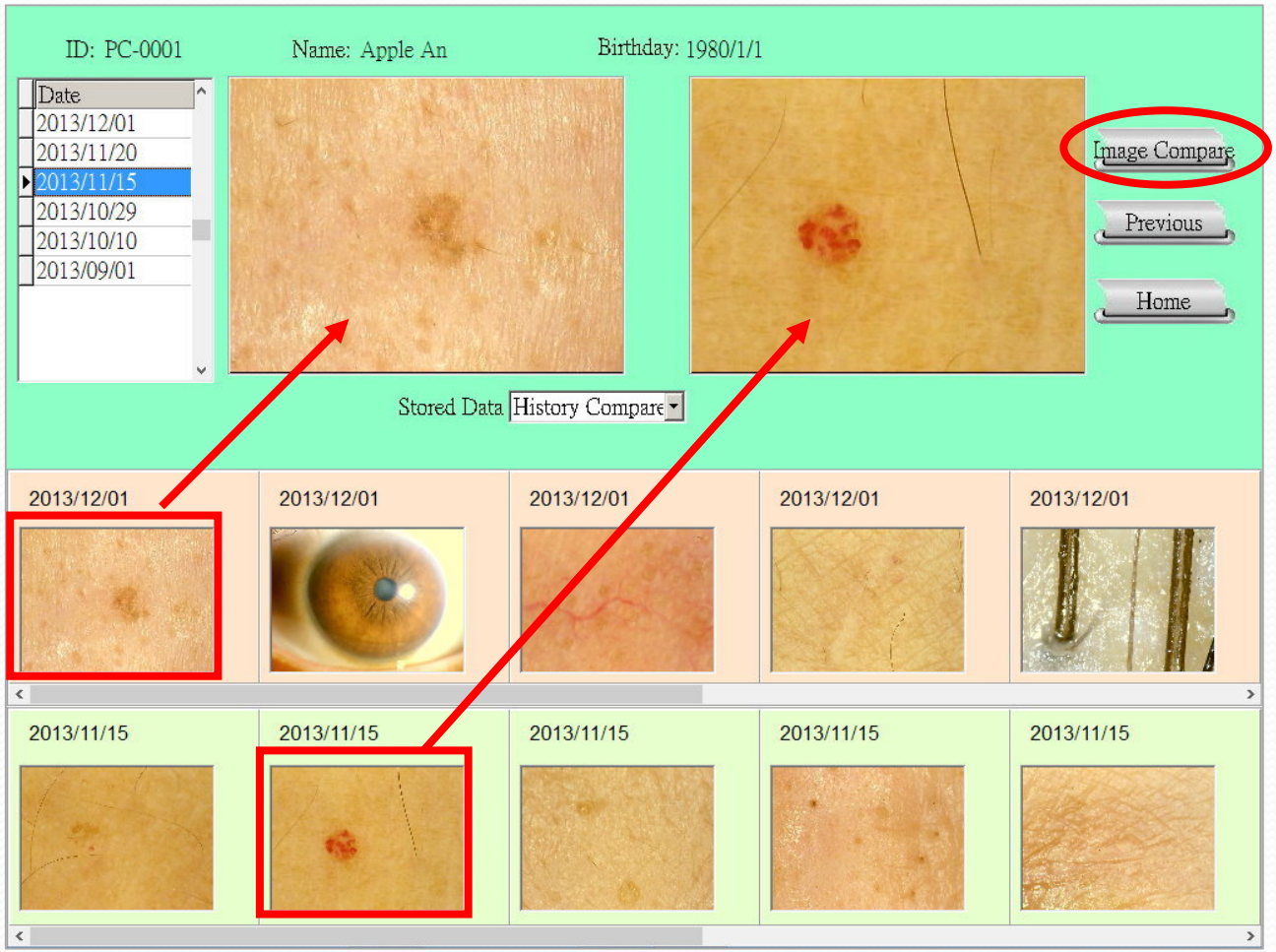
(Please refer to page 48-55.)

(1) History Compare

After selecting the "History Compare", you are able to choose one of those stored history date from the client on the left top side of this figure. In the 2nd column below are the history images selected (it always shows in the first column the images at the current date --- the last date).



The image chosen from the 1st column will be on the left top frame and the image chosen from the 2nd column will be on the right top frame, after then click "Image Compare" (or you can double click on any chosen frame on the top) to execute comparing function.

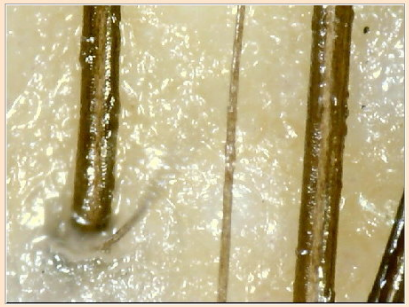


* In these two chosen images, you are able to execute 3 comparing functions:
  a. Original image comparison, b. Partial area enlargement, C. 3D comparison.
  (Refer to page 12-17)
* After comparison, click "Previous" to the main page.

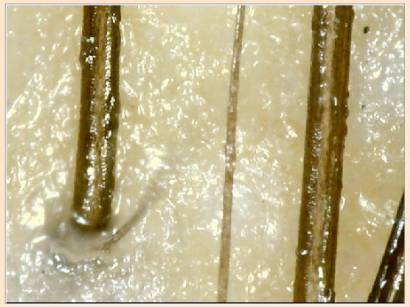
* In "History Compare", you can also select the same 2 images at the current date for some sharp (normal color image / partial area enlargement / 3D image) comparison. Put the same image of the current date on the top 2 frames and click "Image Compare" (or double click on any chosen frame on the top) to enter the comparison page.

Previous

3D



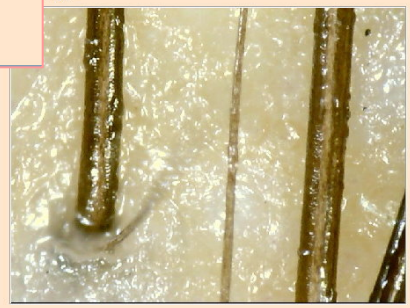
3D



The same images, you can make one image partial area enlargement

Previous

3D



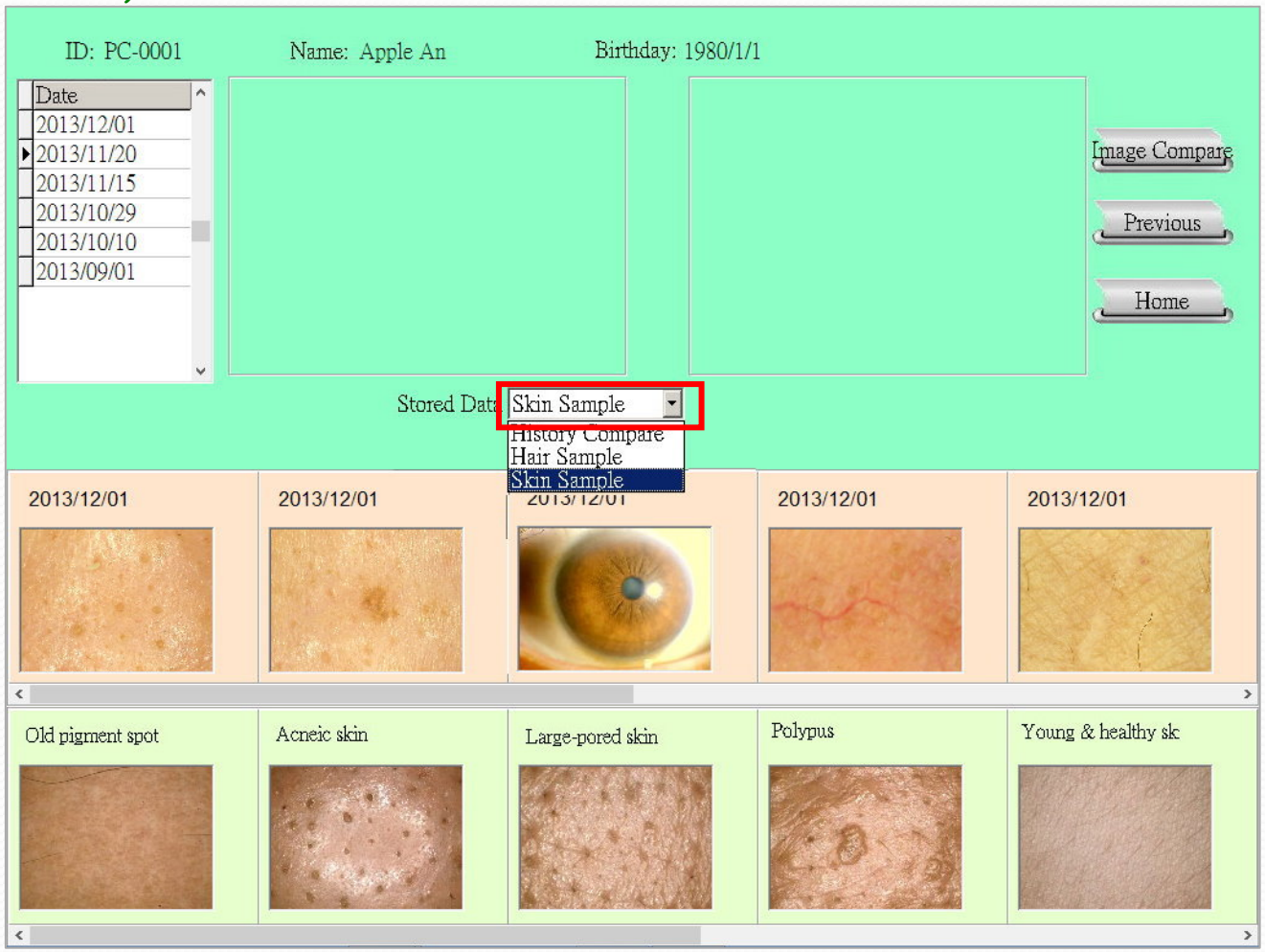
3D

The same images, but one in 3D (negative film) image.
(Refer to page 16)

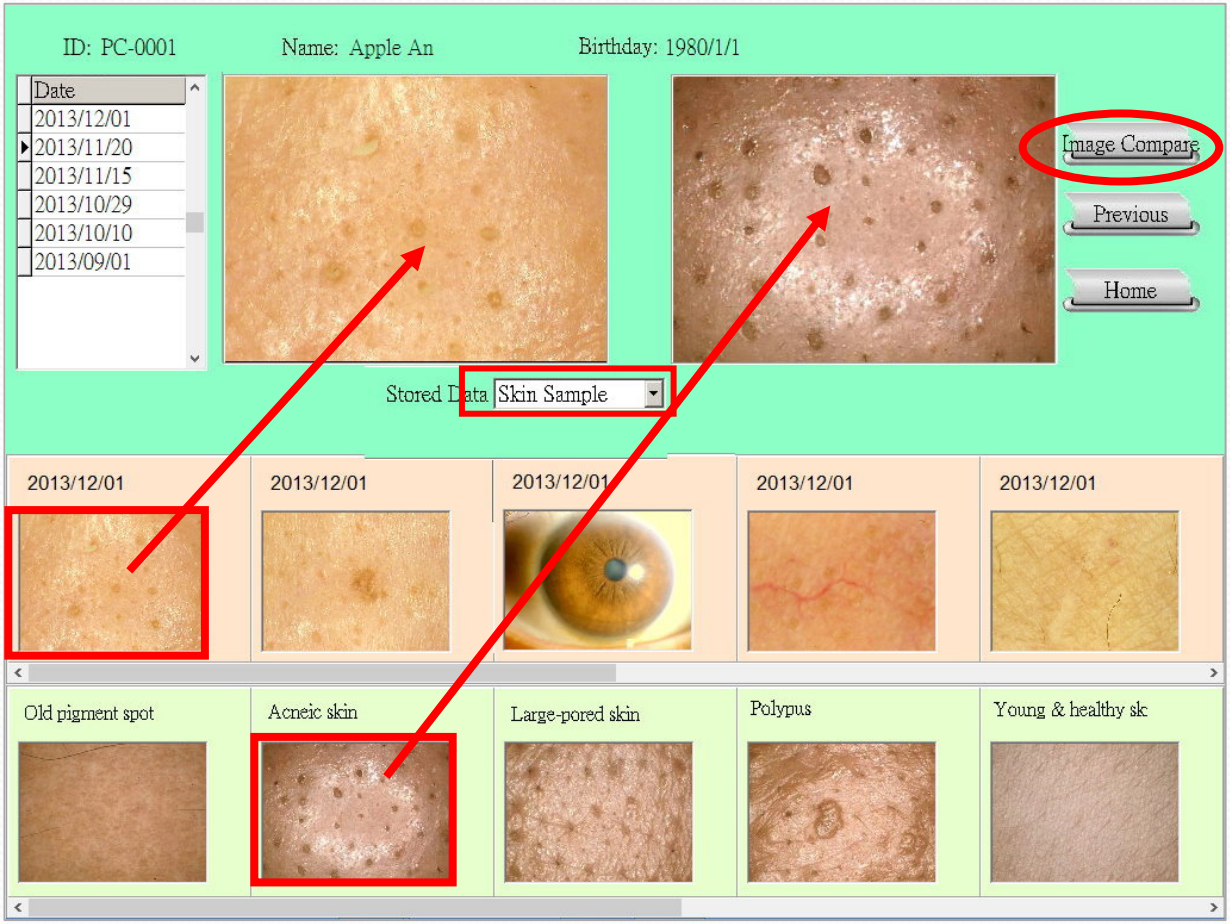
(2) Skin Compare

Select "Skin Sample" button to execute skin comparison.

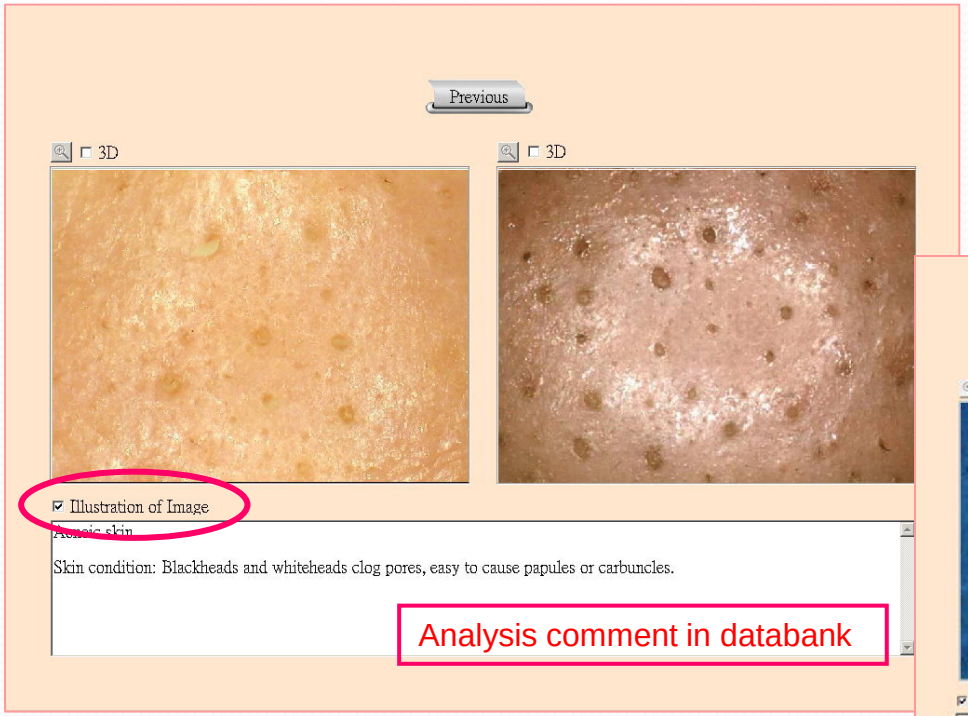
(You can compare the new captured image with the 2nd column images in skin sample databank.)



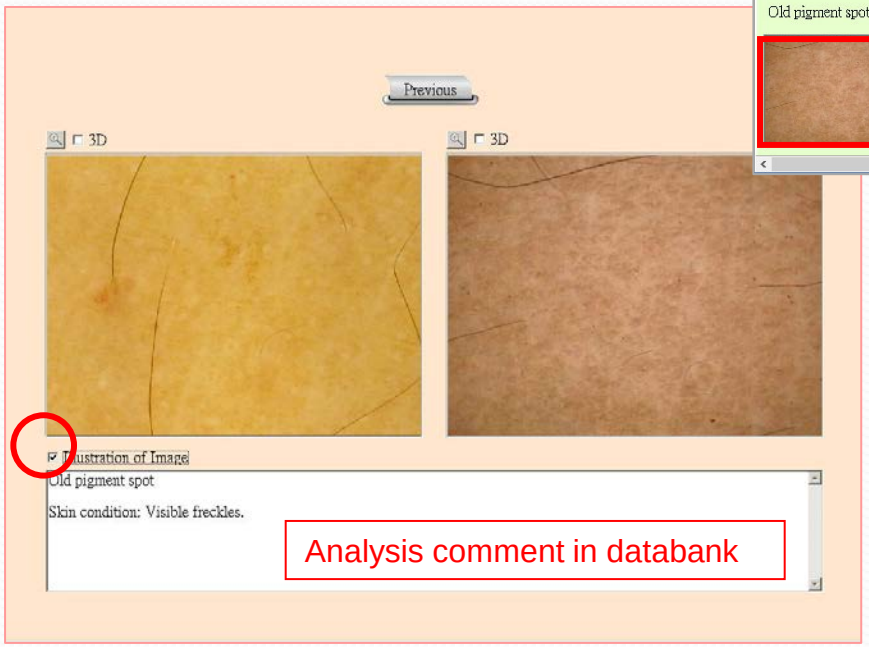
The image chosen from the 1st column will be on the left top frame and the image chosen from the 2nd column (with similar condition to the chosen image from 1st column) will be on the right top frame, after then click "Image Compare" button to execute comparing function.



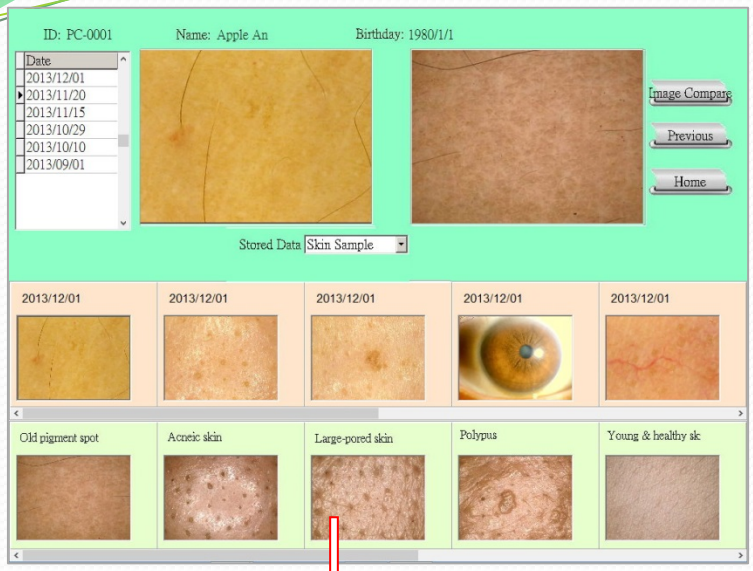
* In these two chosen images, you are able to execute 3 comparing functions:
  a. Original image comparison, b. Partial area enlargement, C. 3D comparison.
  Refer to page 12-17)
* Below the comparison images there is an area for "analysis comment in databank". Please tick "Illustration of Image" and this reference analysis comment will appear in the "Image Illustrate" report.
* After comparison, click "Previous" to the main page.

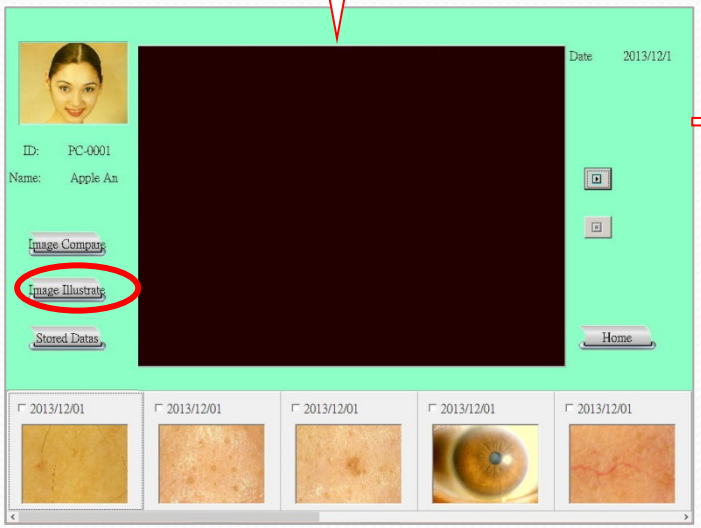


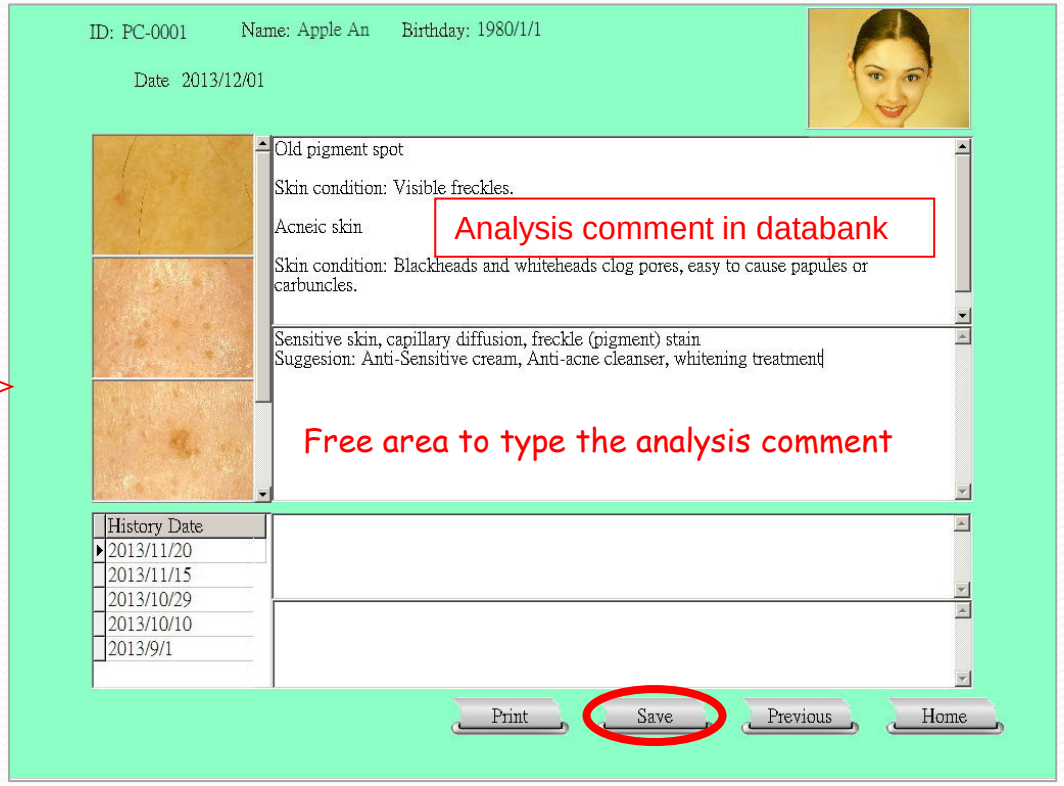
You can repeat the procedures per page 36-38 to compare other images to get more image analysis comment from different sample images.

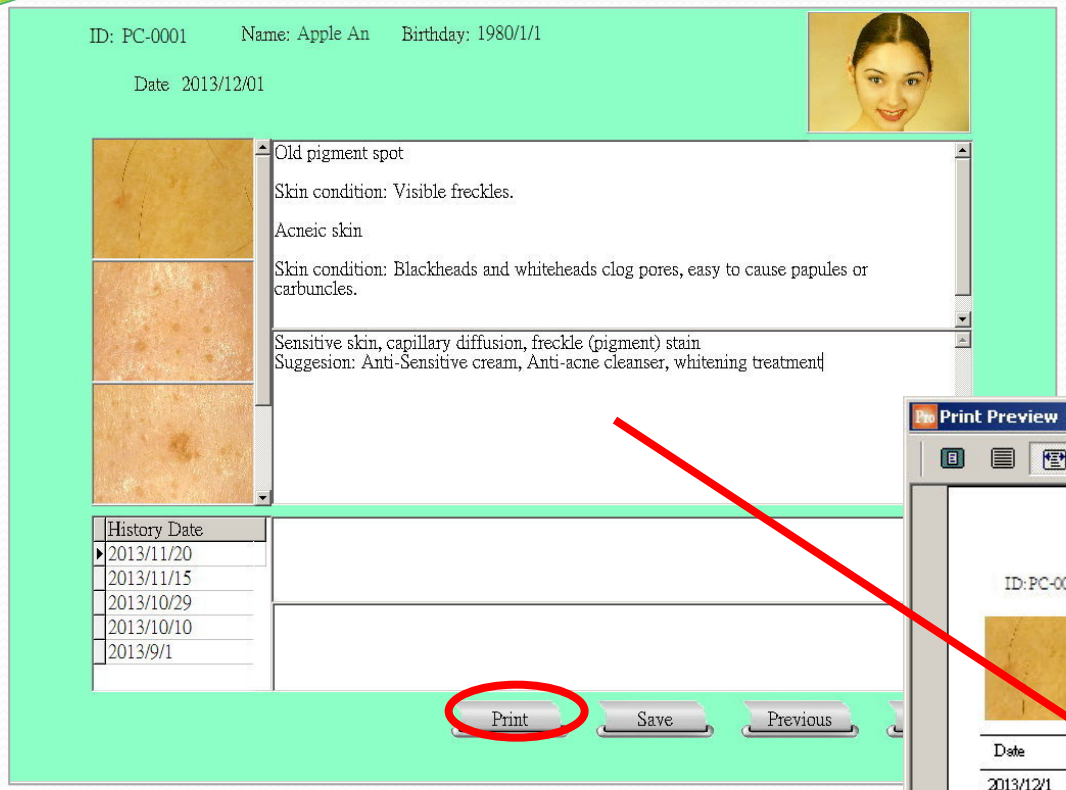


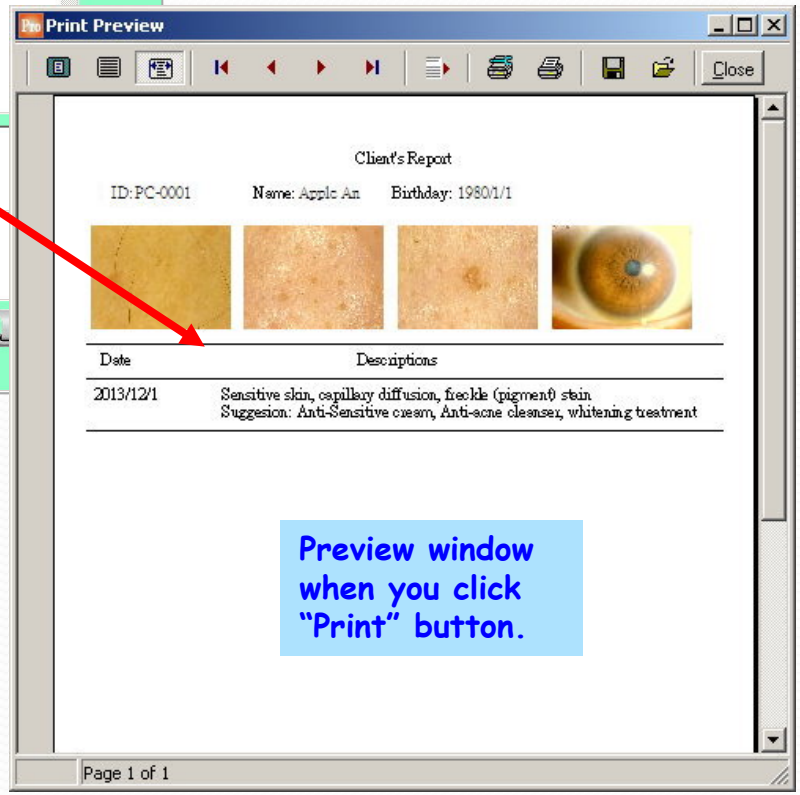
When you click "Previous" button to client main page, you can click "Image Illustrate" . In the 1st column area of this page you will see Analysis comment in databank; in second column area, it is a free area for you to type the new analysis comment. Do not forget to click "Save" to save it after finish typing the comment.











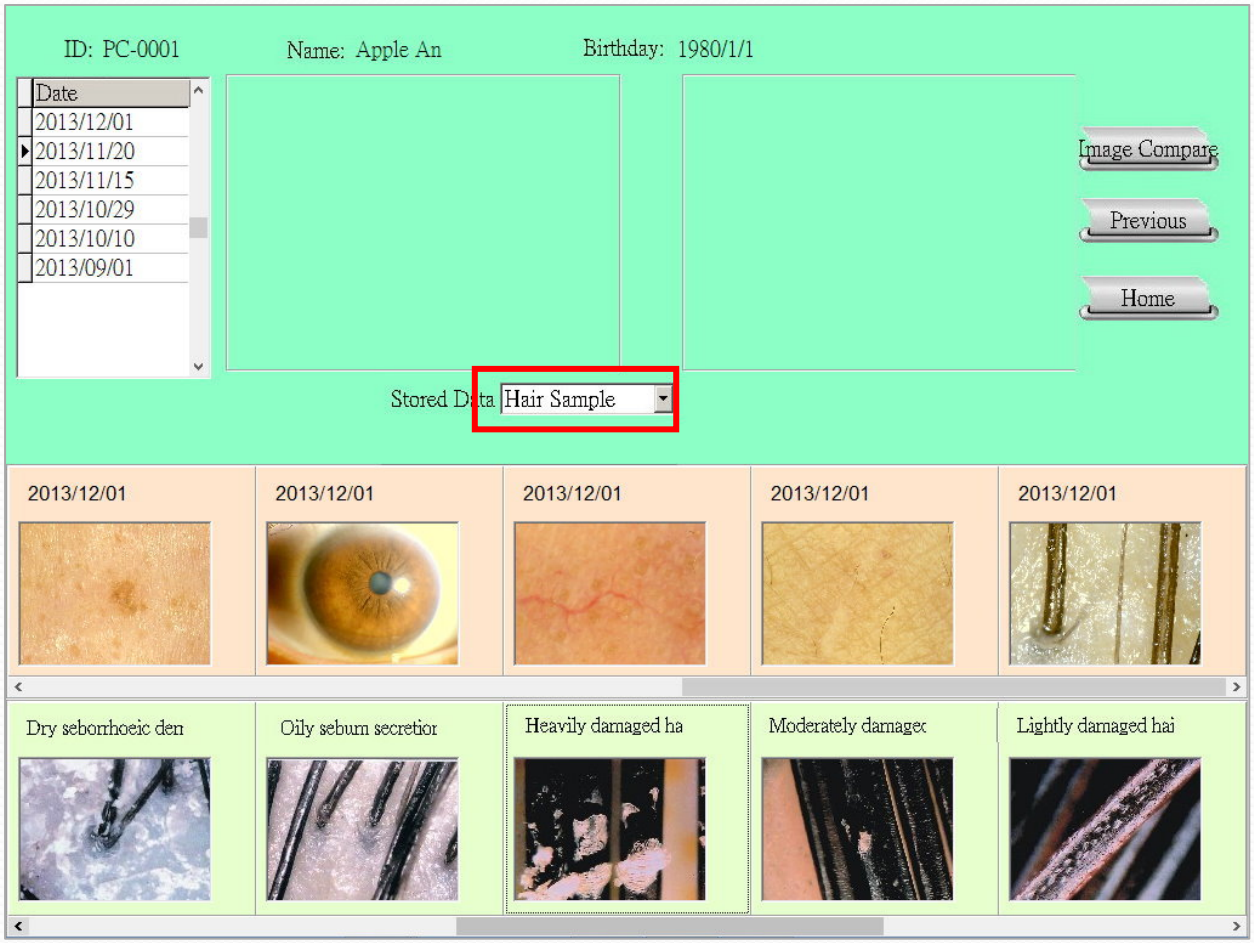
Click "Print" button to print out the clients' report. In this case, it will appear last 4 stored images of the current date. And in the description part, you will find the analysis comment that we have just typed in the free area.

Preview window when you click "Print" button.

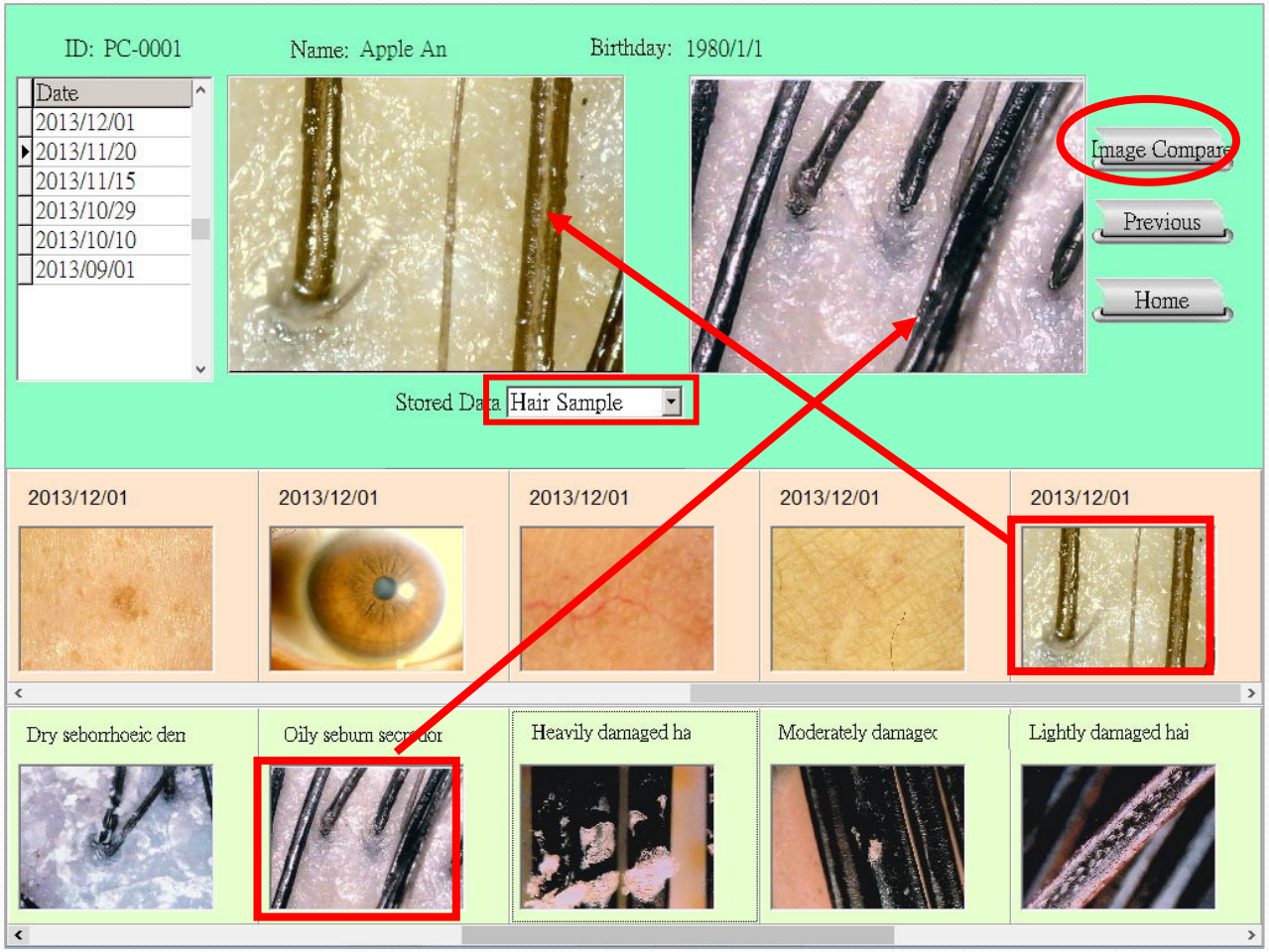
(3) Hair Compare

Select "Hair Sample" button to execute hair comparison.

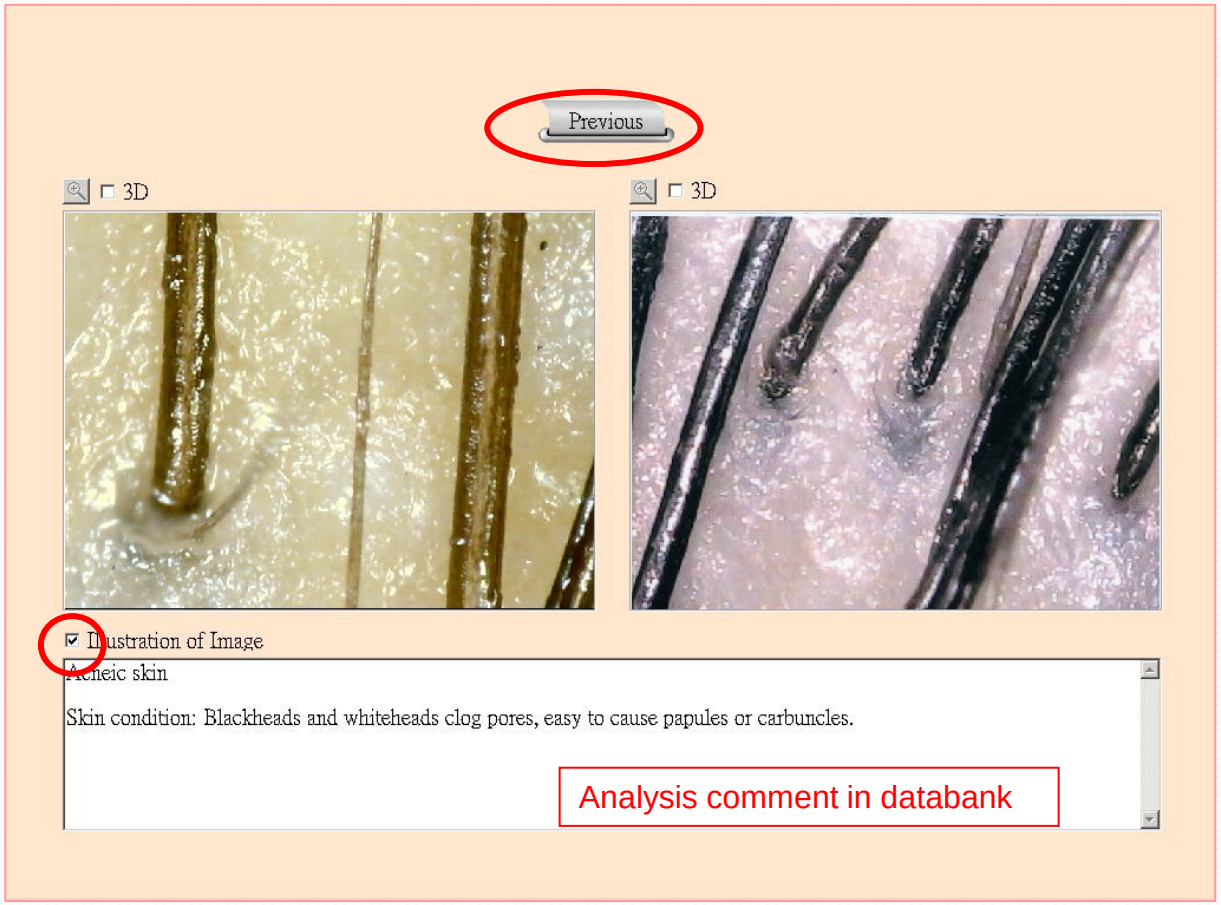
(You can compare the new captured image with the 2nd column images in hair sample databank.)



The image chosen from the 1st column will be on the left top frame and the image chosen from the 2nd column (with similar condition to the chosen image from 1st column) will be on the right top frame, after then click "Image Compare" button to execute comparing function.



* In these two chosen images, you are able to execute 3 comparing functions:
  a. Original image comparison, b. Partial area enlargement, C. 3D comparison.
  Refer to page 12-17)
* Below the comparison images there is an area for "analysis comment in databank". Please tick "Illustration of Image" and this reference analysis comment will appear in the "Image Illustrate" report.
* After comparison, click "Previous" to the main page.

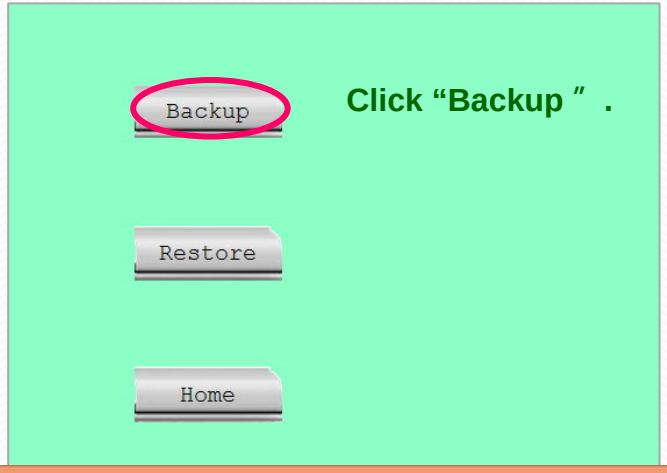


C. System Maintain

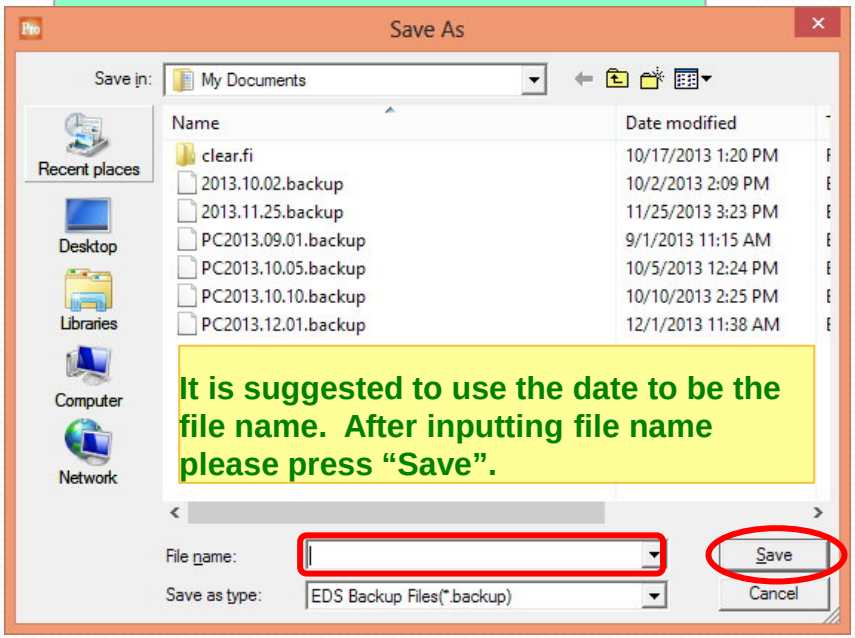
Click “Sys. Maintain” button you can backup or Restore the data of HD-Pro Capture system.

C-1 Backup

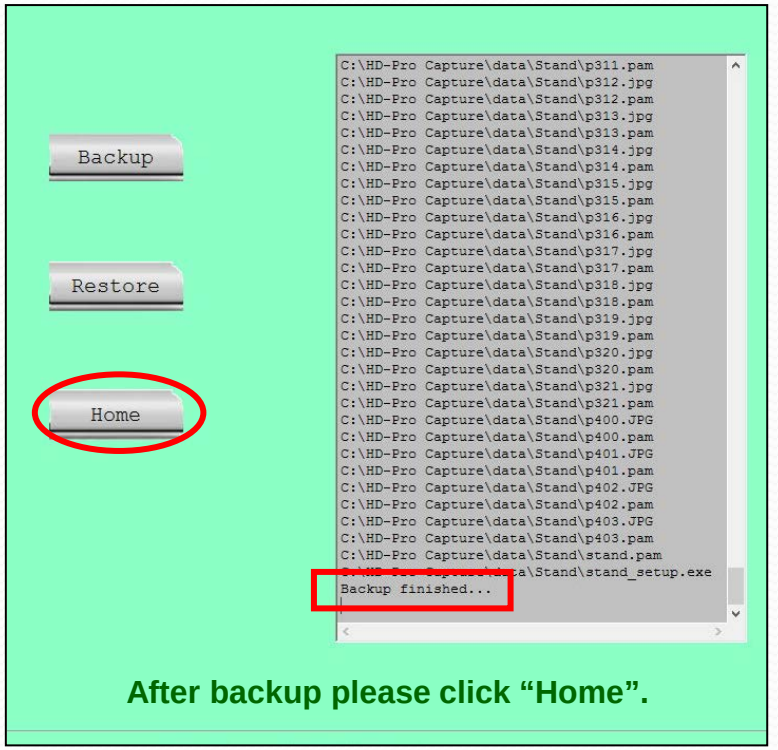
Click “Backup” you can backup the HD-Pro Capture data in your assigned disk.
(For safety purpose, we strongly remind you to do this work frequently!)



Click “Backup ” .



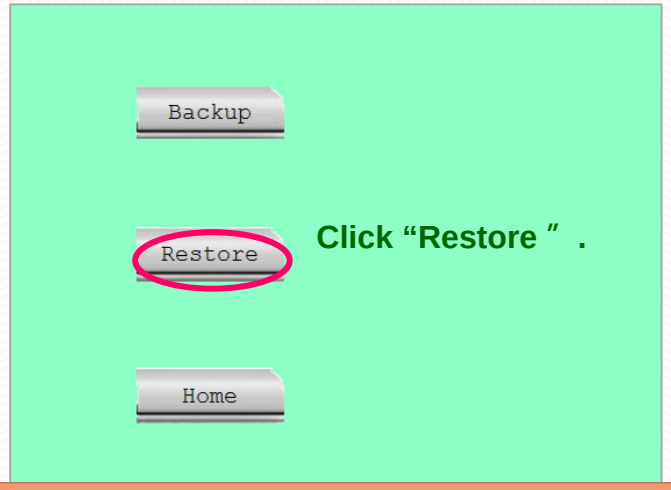
It is suggested to use the date to be the file name. After inputting file name please press “Save”.



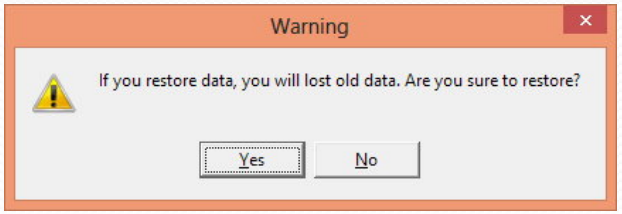
After backup please click “Home”.

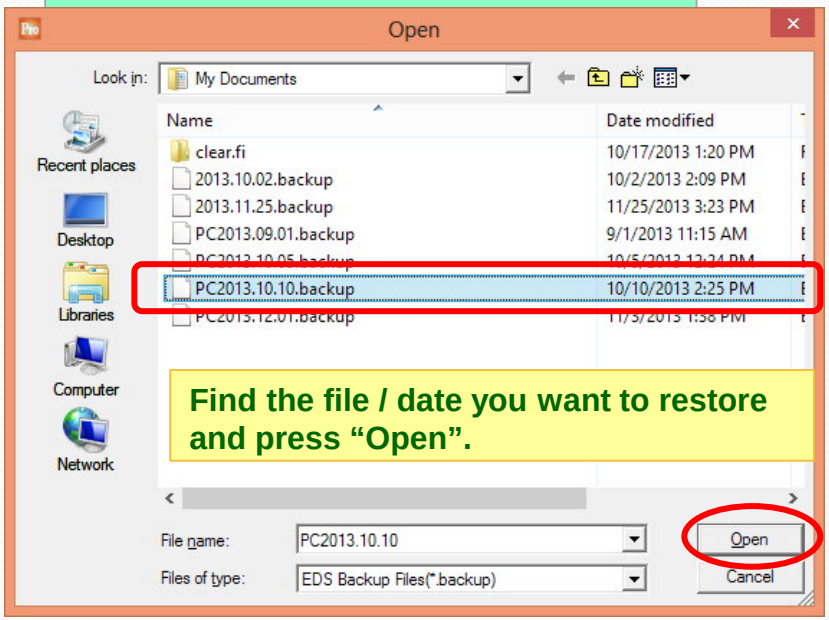
C-2 Restore

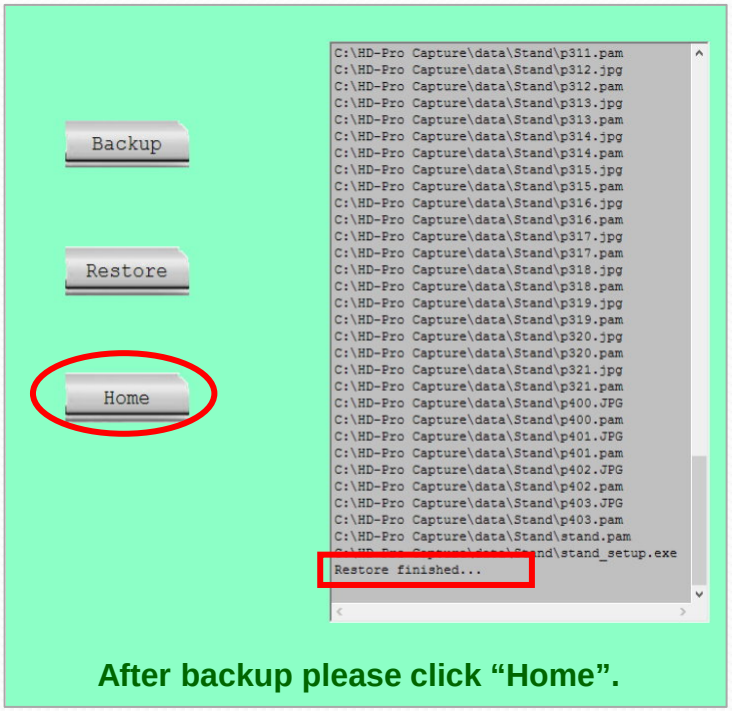
Click “Restore” you can restore the HD-Pro Capture data in your assigned disk. (It is suggested to use the date to be the file name.



To avoid mistake, the system will re-confirm with you. If you click “Yes” , your system data will be restored to be the assigned date.







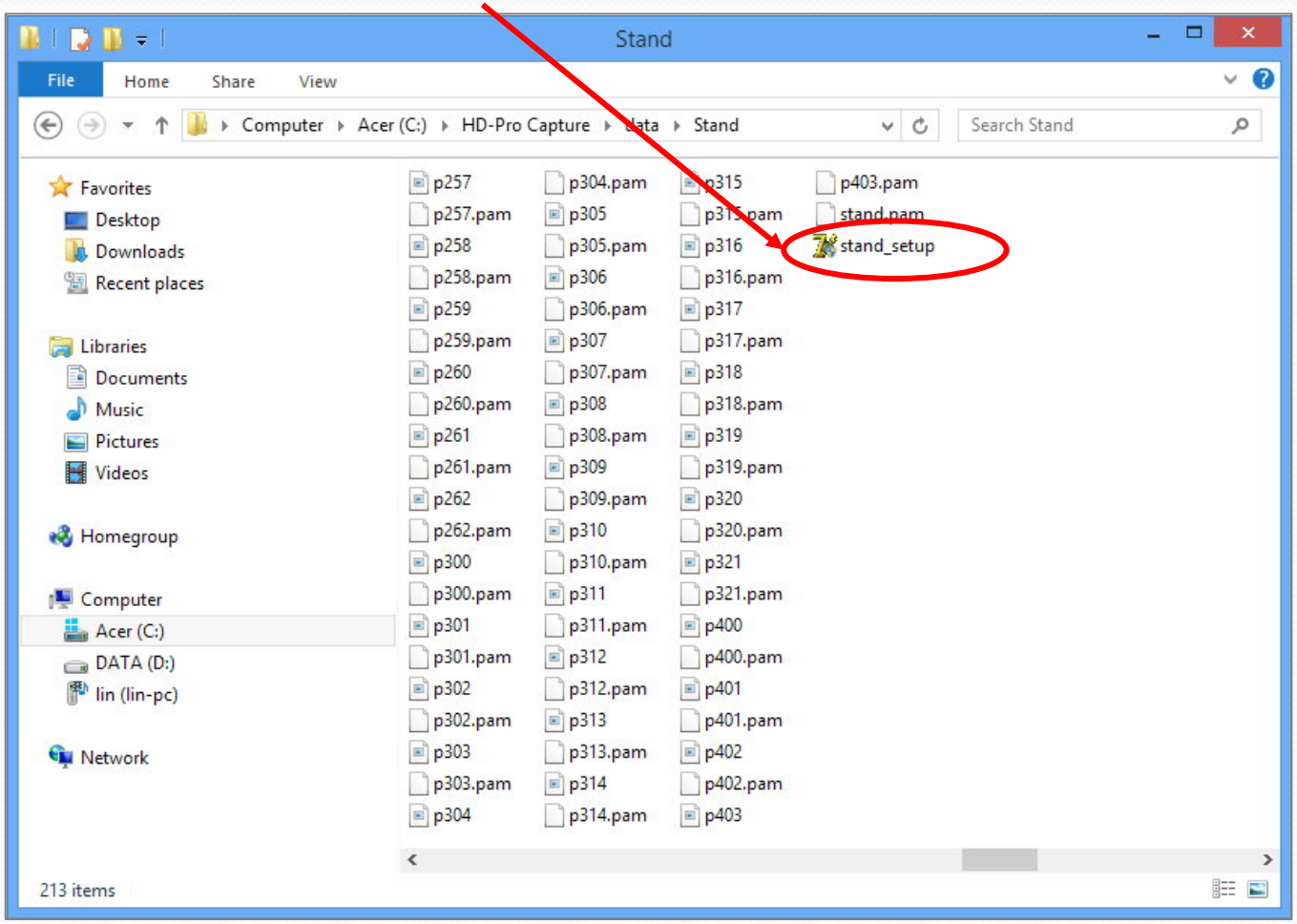
D. Exit

If you click “Exit” in the home page then you will exit the HD-Pro Capture software.

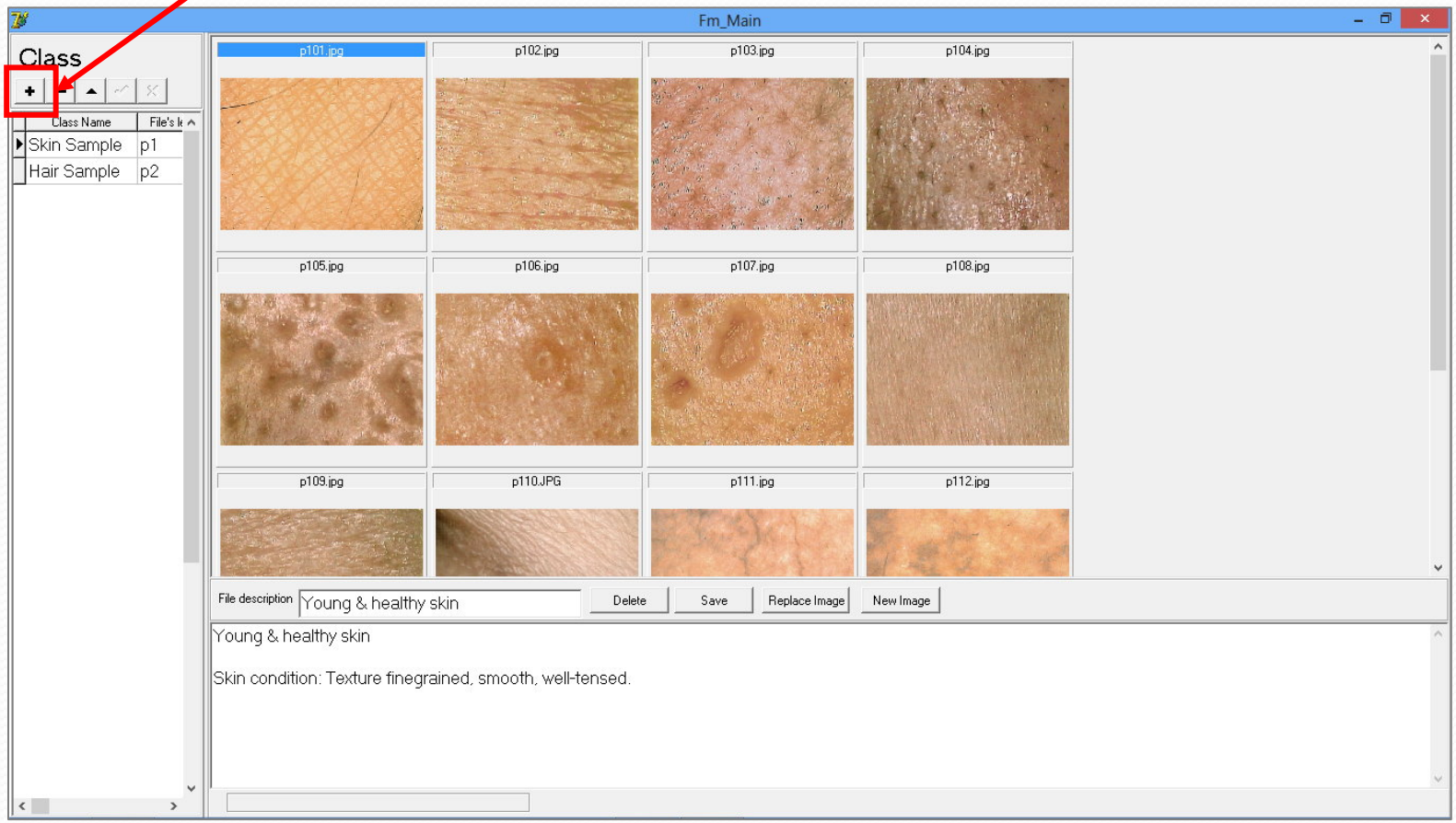
How to increase and setup the “Stored Data” by ourself ?

1. Please follow the steps as bellow to enter the folders and execute the data setup program.

※ Computer → (C) Hard Disk (* System Disk) →HD-Pro Capture → data → Stand → Stand_setup

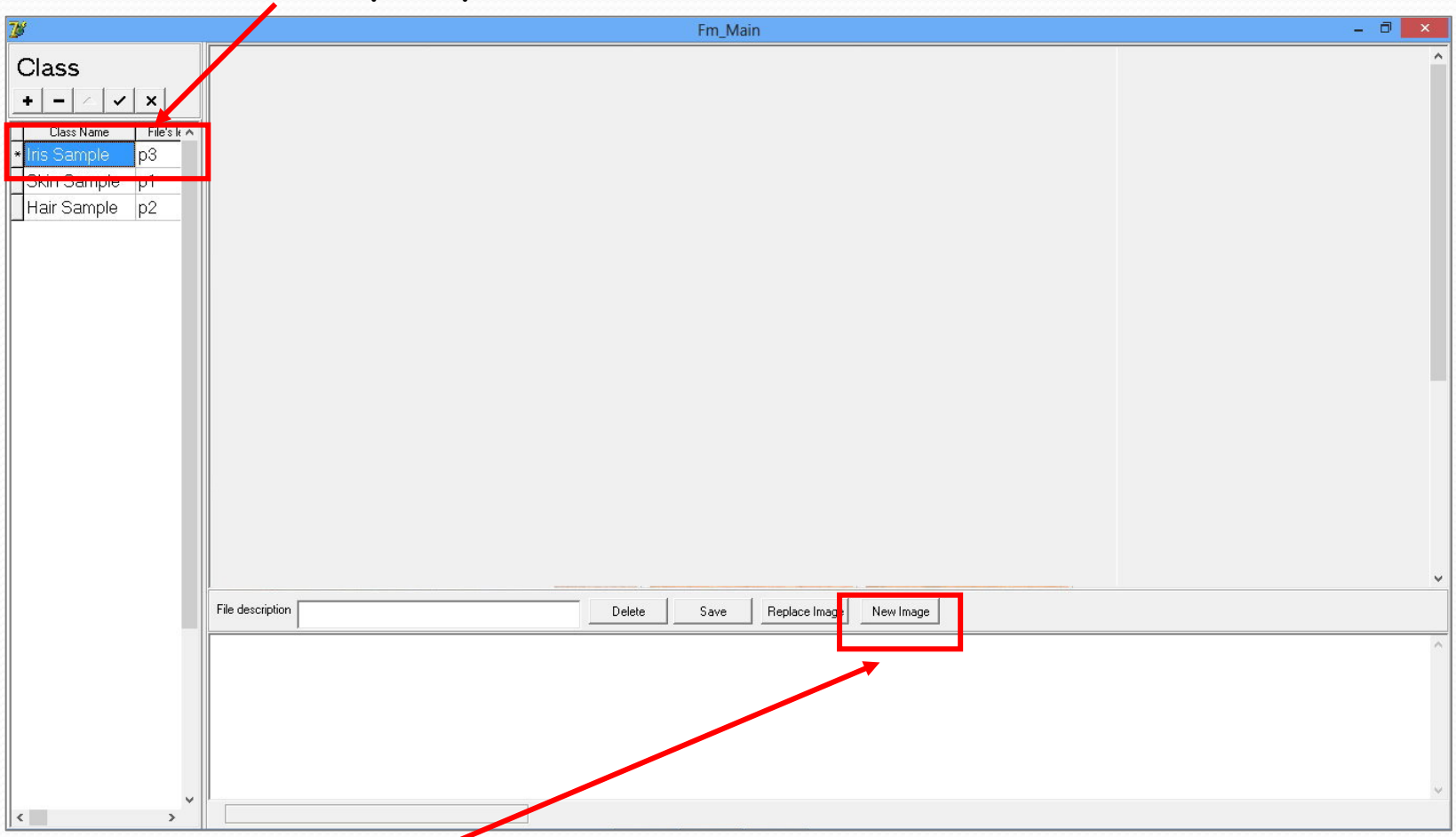


2. Press "+" icon to increase a new classification.



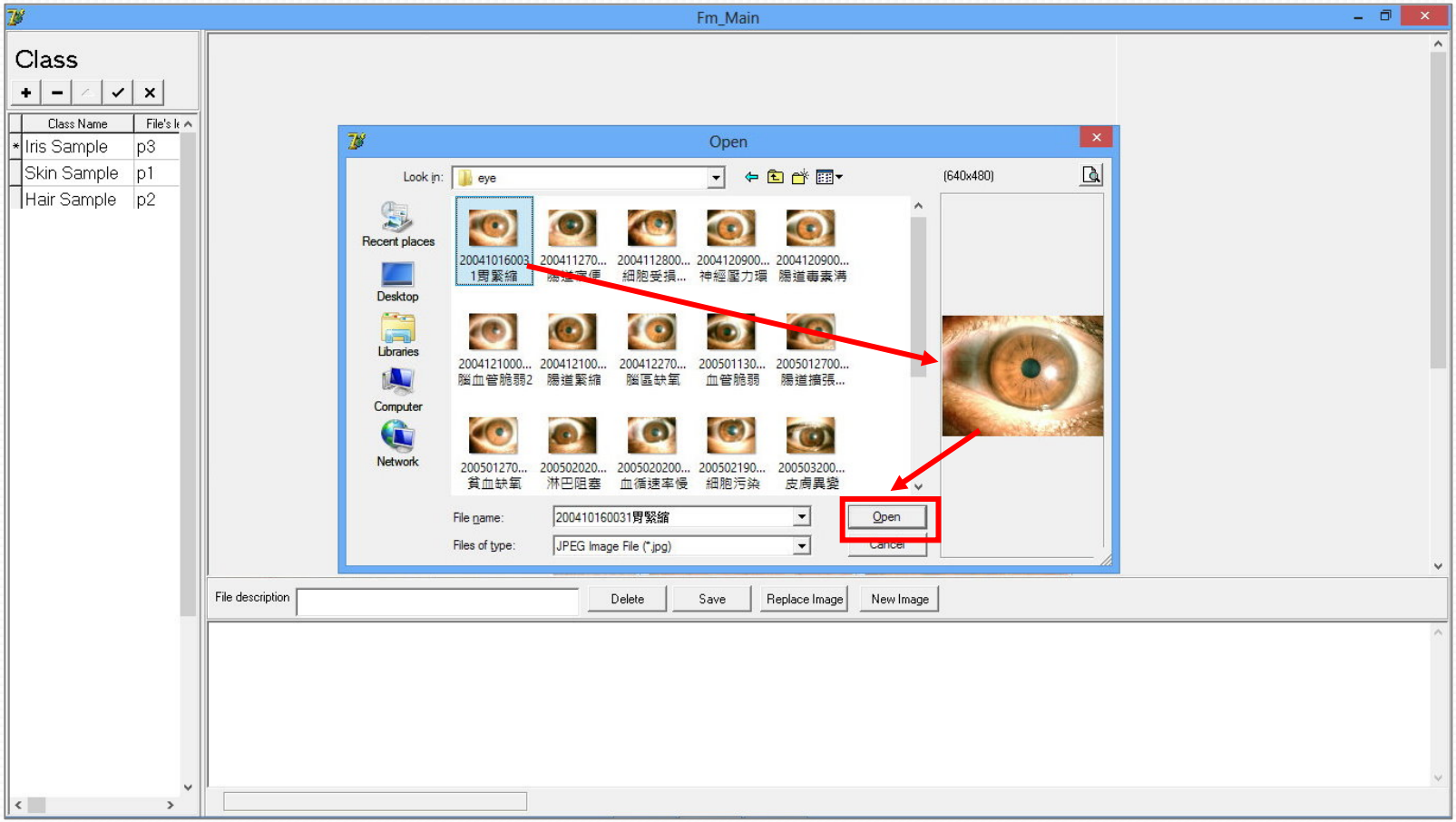
3. Key in the specific classification which you want to increase.

ex: Iris Sample / p3

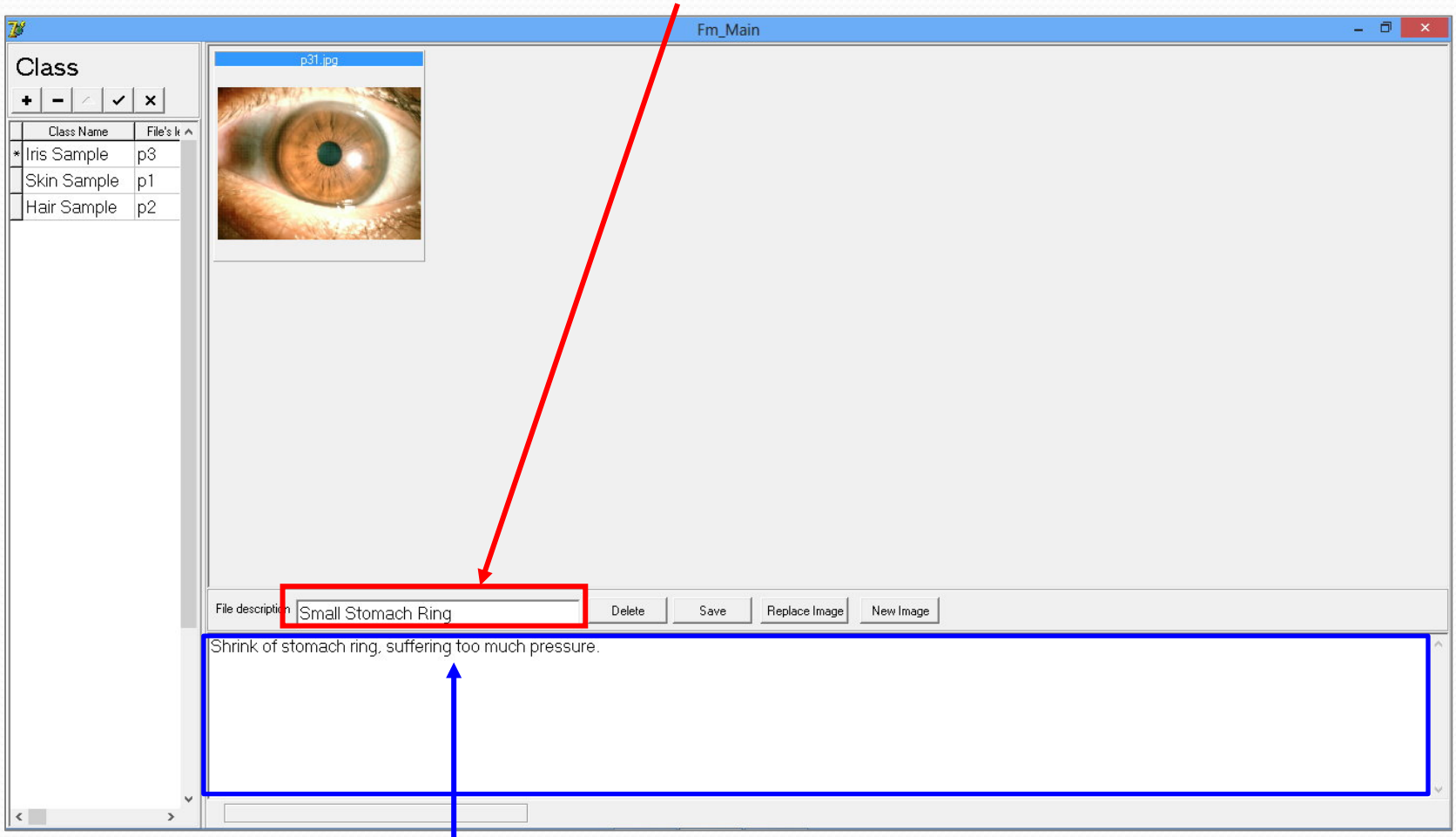


4. Press "New Image" to add the pictures which you want to increase in the sample databank area.

5. Select the picture and open it to add into the databank.

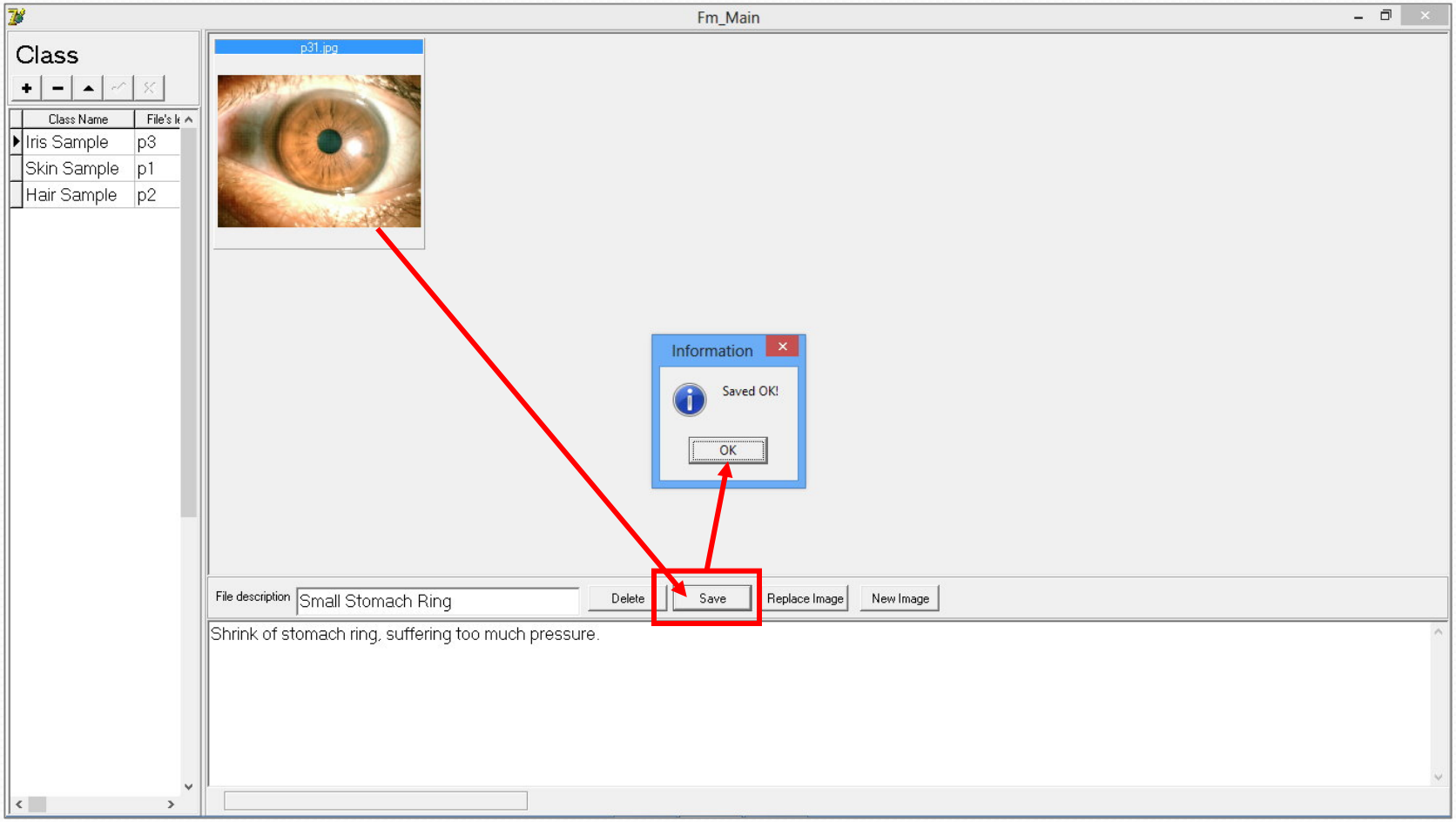


6. Key in a picture subject in the "File description".

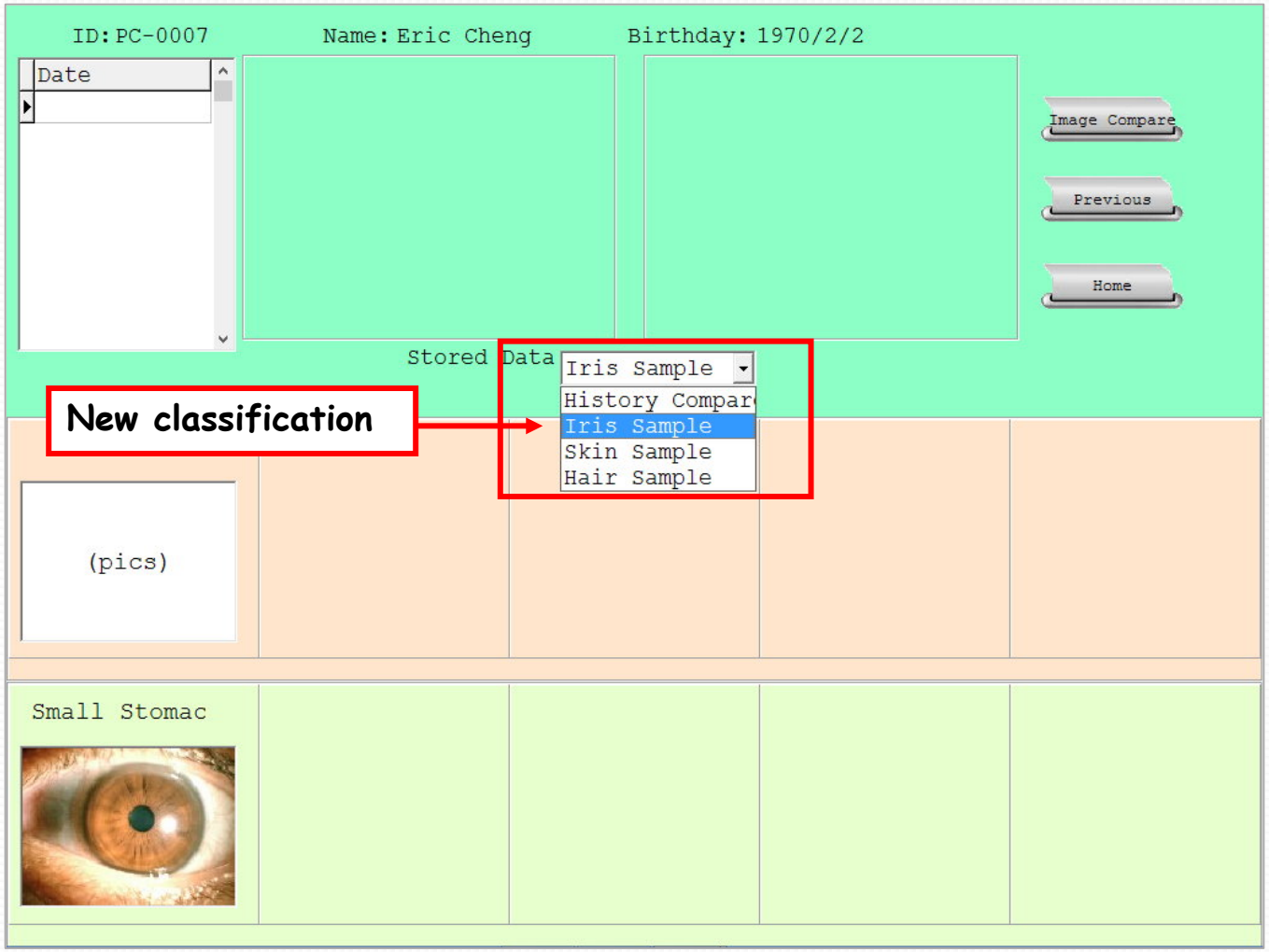


7. Key in the analysis descriptions / recommended treatment or products of the picture for the sample database.

8. Press "Save" to save and complete the sample data increasing.



9. When you enter "Stored Data" page of HD-Pro Capture software, you will see a new classification database under "Stored Data" after you have increased in the data setup program.



10. Other functions in data setup program:
    A. Replace Image: Select a picture and replace it for another one.
    B. Delete: Select a picture and delete it.
    C. "－" : Select a classification and erase it from the databank (including pictures & descriptions.)